

American

JULY • 1958

TOLEDO PUBLIC LIBRARY
TECHNOLOGY DEPARTMENT
JUL 8 1958

Vegetable Grower

and MARKET GROWERS JOURNAL

STACK *Buyer's Guide*

Where to Buy
EQUIPMENT
and
SUPPLIES



Greenhouses, Hotbeds, Cold Frames



Seeds, Plants, Planting



Sprays, Dusts, Fertilizers



Package

R 441-270
TOLEDO PUBLIC LIBRARY
135 MICHIGAN ST
AMVRSI



ANNOUNCING NEW FIRESTONE ALL-TRACTION CHAMPION FIRST TRACTOR TIRE EVER BUILT WITH FIRESTONE RUBBER-X

**THE LONGEST
WEARING RUBBER
EVER USED IN FARM TIRES!**

The new Firestone All-Traction Champion, built with Firestone Rubber-X, puts new efficiency into all farm tractors. Tractor tire tests proved that Firestone Rubber-X is the longest wearing rubber ever used in farm tires.

Firestone Rubber-X in the deep, curved and tapered tread bars of the new All-Traction Champion resists wear on the highway and in the field to deliver maximum traction. Firestone Rubber-X in sidewalls has new built-in resistance against cracking, snagging and aging.

You get new Firestone S/F (Shock-Fortified) cord in the All-Traction Champion, too. It's a new, tougher-than-ever cord which packs more impact-armor per square inch for exceptional

tire body strength and maximum protection against impact damage.

That's why you can count on extra work . . . at no extra cost . . . with the new Firestone All-Traction Champion. See this all-new tractor tire at your Firestone Dealer or Store today.

ALWAYS A YEAR TO PAY

Firestone

BETTER RUBBER FROM START TO FINISH

Copyright 1958, The Firestone Tire & Rubber Company



on
...
ill-
tor
ay.



4

JUL



GI
ex
Dian

CAN BE

Entered as
JULY, 1958

now approved
for use on vegetables

DIAZINON

tomatoes

GEIGY DIAZINON effectively
controls Aphids, Dipterous
Leafminers, Vinegar Flies.

CAN BE APPLIED UP TO 3 DAYS
BEFORE PICKING

controls a variety of
destructive insect pests

—can be applied
close to time of harvest

RESIDUE TOLERANCES HAVE
BEEN ESTABLISHED — vegetable
growers can now use Geigy Diazinon
for outstanding control of a variety of
destructive insect pests on tomatoes,
cabbage, cauliflower and broccoli.

This versatile phosphate insecticide
is already used for control of
potato insects, as well as for con-
trol of a wide variety of pests
attacking apples, pears and
cherries.

Diazinon not only gives posi-
tive results—even with difficult-
to-control insects—but can be
used closer to harvest. So, for
effective, economical crop pro-
tection, ask your farm supply
dealer for Geigy Diazinon 25E
(25% emulsifiable solution)
or Geigy Diazinon 25W (25%
wetttable powder. Follow label
directions.

cabbage

GEIGY DIAZINON provides posi-
tive control of Aphids, Diamondback
Moths, Imported Cabbage Worms.

CAN BE APPLIED UP
TO 7 DAYS BEFORE HARVEST

broccoli
and
cauliflower

GEIGY DIAZINON gives
excellent control of Aphids,
Diamondback Moths, Imported
Cabbage Worms.

CAN BE APPLIED UP TO 5 DAYS
BEFORE HARVEST

Diazinon is also recommended for multiple
insect control on celery, lettuce, peppers,
spinach and beets.

ORIGINATORS OF



DDT INSECTICIDES

GEIGY AGRICULTURAL CHEMICALS

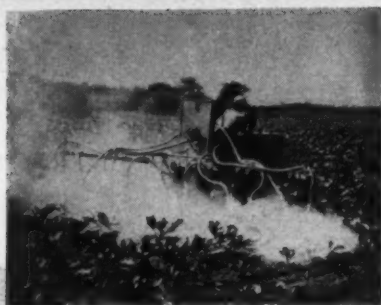
Division of Geigy Chemical Corporation

Saw Mill River Road, Ardsley, New York

Entered as second class matter at Post Office at Willoughby, Ohio, under the Act of March 3, 1879. Additional entry at Mount Morris, Illinois.

JULY, 1958

3



New, Low Cost Bean-Niagara Cropmaster

ROW CROP DUSTER

*gives efficient, economical,
thorough crop protection
with these BIG features:*

Rugged, rigid, welded steel, reinforced construction • Powerful 12" fan driven by high speed engine • Box-type fan runner construction reduces air friction, increases efficiency • Convenient, positive feed control operated from tractor seat • Variable wheel tread adjustment • Quick, easy boom and nozzle height adjustments • Available in either tractor mounting or as a trailer unit with 8 or 12 nozzle booms • Alemite lubrication system—designed for easy servicing

NEW BEAN-NIAGARA
110 Series Dusters



For big capacity, uniform dust distribution, faster coverage—up to 200 lb. hopper capacity • Tractor power take off driven • Available in either tractor mounting or as a trailer unit with 12 or 16 nozzle booms • Adjustable dust output • Powerful 17", six-blade fan • Adjustable tread width, and high clearance axle

SEE YOUR JOHN BEAN DEALER
Write today for more details



John BEAN

LANSING 4, MICH. SAN JOSE 1, CALIF.
Division of Food Machinery and
Chemical Corporation

American Vegetable Grower

**Buyer's
Guide**

Where to Buy
EQUIPMENT
and
SUPPLIES

Reg. U.S. Pat. Off.
Commercial Vegetable Grower
Market Growers Journal

VOL. 6

No. 7

JULY, 1958

FEATURES

Let's Promote National Vegetable Week.....	7
The Vegetable Areas of America—Indiana.....	8
<i>By F. C. Gaylord</i>	
Calendar of Coming Meetings and Exhibits.....	10
Asgrow Releases New Snap Bean.....	10
The Newer Organic Pesticides with Some Commonly Known Brand Names.....	40
The Newer Herbicides and Soil Fumigants with Some Commonly Known Brand Names.....	44
Buyer's Guide Index.....	13
Buyer's Guide.....	15 through 54
Tractors and Tillage Equipment.....	15
Trucks and Transportation.....	18
Greenhouses, Hotbeds, Cold Frames.....	19
Seeds and Plants.....	20
Planting Equipment.....	24
Irrigation and Drainage.....	27
Sprays, Dusts, and Fertilizers.....	30
Spraying and Dusting Equipment.....	43
Harvesting Equipment.....	46
Packing House Equipment.....	49
Vegetable Processing.....	51
Packages and Packaging.....	52
Classified Advertising.....	54

E. G. K. MEISTER, Publisher

RICHARD T. MEISTER, Editor

Managing Editor, E. K. GOULD. Associate Editors: H. B. TUKEY, ELDON S. BANTA

Consulting Editors: R. L. CAROLUS, M. P. RASMUSSEN, JOHN CAREW, PAUL WORK.

Art Director, GEORGE M. ROSS. Production Manager, J. S. BENDER.

EDWARD L. MEISTER, Director of Advertising

District Advertising Offices

NEW YORK: W. J. Martin and Company
185 Madison Ave. Phone—Murray Hill
3-2865.

SAN FRANCISCO: McDonald-Thompson,
625 Market St. Phone—Yukon 6-0647.

NEW JERSEY: W. J. Martin and Company,
612 Bernita St., Rivervale (Westwood
P.O.). Phone—Parkridge 6-1595.

LOS ANGELES: McDonald-Thompson, 3727
West 6th St. Phone—Dunkirk 7-5371.

CHICAGO: Peck and Billingslea, Inc., 185 N.
Wabash. Phone—Dearborn 2-0292.

SEATTLE: McDonald-Thompson, 1008 West-
ern Ave. Phone—Eliot 3767.

AMERICAN VEGETABLE GROWER is published by American Fruit Grower Publishing Co., Willoughby, Ohio. E. G. K. Meister, Publisher and Chairman of the Board; Edward L. Meister, President; Richard T. Meister, General Manager; Gilbert Meister, Vice-President. Subscription price \$1.00 per year in U.S. and possessions; to Canada and other foreign countries \$1.50. Single current copies 25c; copies over one year old 75c.

When changing your address, please send us old as well as new; send address label from your last copy; allow 5 weeks for the first copy to reach your new address.

Postmaster: Please send change of address "Form 3579" to AMERICAN VEGETABLE GROWER, Willoughby, Ohio.

AMERICAN VEGETABLE GROWER

JULY, 1958

d. 7

... 7

... 8

... 10

... 10

... 40

... 44

... 13

h 54

... 15

... 18

... 19

... 20

... 24

... 27

... 30

... 43

... 46

... 49

... 51

... 52

... 54

BANTA
WORK.

ompson,

7.

m. 3727

71.

8 West-

Wil-
Meister,
cription
Single

m your

ROWER,

GROWER



22 minutes, 6 bolts, and she's ready to roll!

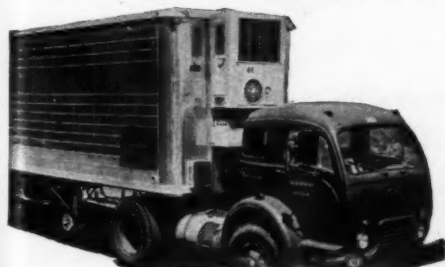
It never takes long to repair a Thermo King unit. Rigs roll in—we fix 'em right quick, or put in a fast replacement. And out they go, sometimes in minutes.

No need to disturb the cargo. No waiting for parts. No long replacement worries. You won't believe it, but we can change out a whole unit—from the outside—by just unscrewing 6 bolts!

Service is a big thing with Thermo King. It's the only outfit in the business that backs you up

with service all over the country. You can find a Factory Authorized Service station like ours along every truck route in the States and Canada. And besides that, a fleet of Thermo King station wagons with engineers will help you out of a rough spot in an emergency day or night.

Like I learned back at the factory school: Thermo King truck refrigeration units are the best in the world. A supply of factory parts and guys like me help keep them that way.



First Name in Truck & Trailer Refrigeration

44 South 12th Street, Minneapolis 3, Minnesota

British Commonwealth: Canadian Thermo Control Co., Ltd. Montreal, Quebec

JULY, 1958

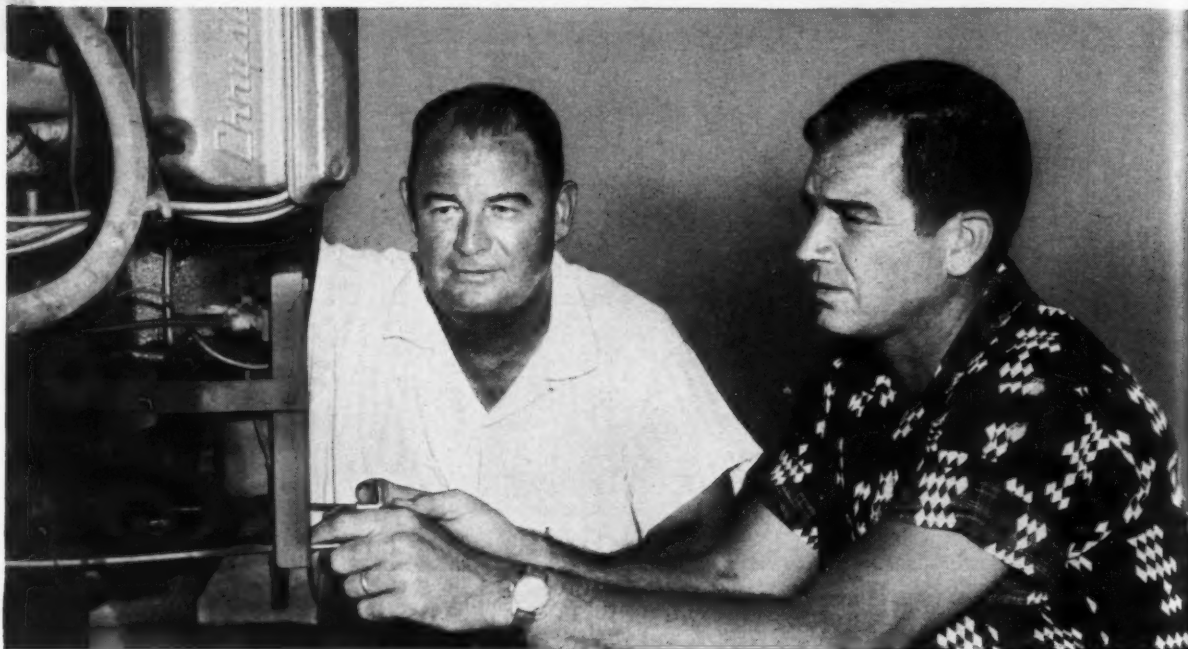
5

ORTHO Field Reports:



Excellent pest control on vegetables

say leading vegetable growers



"ORTHO saved us time, money and crops. ORTHO field service and technical advice, coupled with their quality products, have given us the required insect and disease control necessary to grow vegetables in this area."

From a field interview with Mr. F. E. Machen (left) and L. J. Cox, Donna, Rio Grande Valley.

A complete ORTHO pest control program can give you more complete crop protection

When you buy the ORTHO program, all the personal, on-your-ground technical advice and services of your ORTHO Fieldman are provided gladly and without any extra charge. Too, with ORTHO, you're associated with the leader. An ORTHO program gives you benefit of *all* the technical background—all the laboratory and field research—and *all* the formulating skills that have made ORTHO the number one line of agricultural chemicals in America today.



Helping the World Grow Better

California Spray-Chemical Corp.
A Subsidiary of California Chemical Company

District Offices: Haddonfield, N.J.; Springfield, Mass.; Medina, N.Y.; Columbia, S.C.; Orlando, Fla.; Maumee, Ohio; Memphis, Tenn.; Shreveport, La.; Maryland Heights, Mo.; Portland, Ore.; Phoenix, Ariz.; Salt Lake City, Utah; Sacramento, Fresno, San Jose, Whittier, Calif.

ON ALL CHEMICALS, READ DIRECTIONS AND CAUTIONS BEFORE USE

Le
Na

THE dat
Vegetal
through Au
ery grower
make this
Week an o

National
augurated
Growers
Purpose of
attention
tance and
diet at a ti
peak suppl

At the na
ing Nation
attention o
izations, th
Food Cha
public rela
radio and
and food r
agricultura

Here is
1) Supp
radio stati
dates of M
Make your
sible and t



A family of four and the amount of food it consumes in one year. Promotional efforts will help increase the consumption of quality vegetables.

Let's Promote National Vegetable Week

This yearly event gives you a chance to focus attention on your particular products

THE dates for this year's National Vegetable Week are July 25 through August 1. We're inviting every grower to take an active part to make this year's National Vegetable Week an outstanding success.

National Vegetable Week was inaugurated a decade ago by Vegetable Growers Association of America. Purpose of the week is to call to the attention of consumers the importance and value of vegetables in the diet at a time when vegetables are in peak supply.

At the national level, VGAA is calling National Vegetable Week to the attention of retail food store organizations, the National Association of Food Chains, advertising agencies, public relations firms, food editors, radio and television broadcasters, and food marketing specialists in the agricultural extension service.

Here is what you can do:

1) Supply your local newspaper, radio station, TV station with the dates of National Vegetable Week. Make your contact personally if possible and take with you a basket or

new container of vegetables that will be in greatest supply during the week. Or invite a reporter to call at your farm for a story and pictures. Be sure to supply him with a basket of fresh, quality vegetables.

2) Advertise in the classified columns of your local papers, inviting customers to stop at your farm for quality vegetables, or let them pick their own.

3) The shift to suburban living is popularizing outdoor eating. Last summer 85% of America's 50 million families ate at least one meal out-of-doors, for an estimated 1 1/3 billion meals. Vegetable salads lend themselves well to this relaxed manner of living. Use snappy slogans to attract consumer attention: Salad-Sandwich Time; Vitamins from Vegetables; Fresh for Health; Vegetables for Vim, Vigor, Vitality.

4) Enlist the co-operation of your

Joe Shelly usually tells readers of *AMERICAN VEGETABLE GROWER* about the plans for National Vegetable Week. Joe is secretary of VGAA and has been on the sick list, so we are pinching for him.—Ed.

local FFA, 4-H, and civic groups, in setting up attractive displays in store windows.

5) Restaurants are usually more than willing to promote food products by means of window displays. Make an arrangement to sell them a supply of fresh vegetables daily and ask them to feature National Vegetable Week on their menus.

6) If you have a roadside stand, set up an attractive display of vegetables at or about 500 feet from the stand, in the form of a pyramid, to attract attention of motorists.

7) Use a banner across the front of your roadside stand proclaiming National Vegetable Week. Your local sign painter can do a good job.

8) A "gimmick" for the kiddies (balloons are a good item to give away at roadside stands) will influence Mom to buy.

9) If you are a member of one of the 46 grower organizations affiliated with VGAA, get a committee appointed to direct National Vegetable Week activities.

10) If you need assistance in developing your program, call on your local county agent, home demonstration agent, vegetable extension specialist, or consumer marketing specialist.

THE END.

N.Y.;
Tenn.;
Ariz.;
Calif.

GROWER

JULY, 1958

7

This is the sixteenth in a series on the important vegetable areas of the United States. Previous issues covered New Jersey, Florida, Eastern Virginia, Arizona, Mississippi, Louisiana, Long Island, Maine, South Carolina, Maryland, Wisconsin, California's Imperial-Coachella, Central, and Coastal valleys, as well as an article on the South Coast, San Francisco Bay, and Tulare Lake Basin of California.—Ed.

Here 8500 acres were planted in 1957 to watermelons, with a yield of

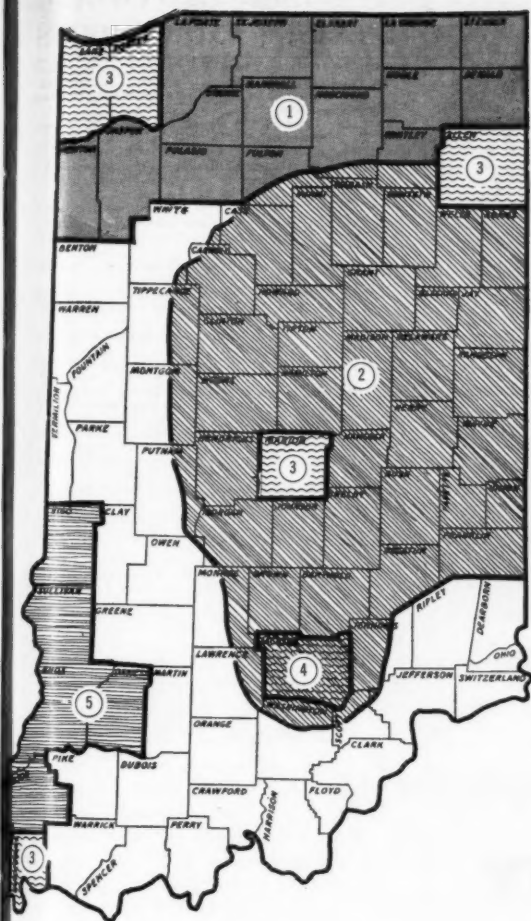
INDI

- 1) Potatoes,rots, cele
- 2) Tomatoes,beans.
- 3) Truck crop
- 4) Melons.
- 5) Cantaloup
early pot
summer so

approximate
U.S. No.
bury and
leading v
prevalence
form qual
content of
the popul
area.

Some 50
also grow
production
standard
sweetpotato
mer squash

In 1956 late summer were made irrigation acre of U produced. in 1957 an



INDIANA'S VEGETABLE AREAS

- 1) Potatoes, sweet corn, onions, cabbage, carrots, celery, peppermint, spearmint.
- 2) Tomatoes, sweet corn, peas, pumpkin, lima beans.
- 3) Truck crops.
- 4) Melons.
- 5) Cantaloupe, watermelon, early tomatoes, early potatoes, sweetpotatoes, sweet corn, summer squash.

approximately 5 million melons of U.S. No. 1 grade. Purdue Hawkesbury and Charleston Grey are the leading varieties because of the prevalence of bacterial wilt. The uniform quality with an average sugar content of 12% or more, account for the popularity of melons from this area.

Some 5000 acres of cantaloupe are also grown in the area. In 1957 the production amounted to 350,000 standard crates. Early tomatoes, sweetpotatoes, sweet corn, and summer squash are also grown.

In 1956, experimental trials with late summer harvested Irish potatoes were made. It was found that with irrigation upward of 400 bushels per acre of U.S. No. 1 potatoes could be produced. The commercial acreage in 1957 amounted to around 200 and

the yield exceeded 400 bushels per acre. Most of this crop is being sold under contract, and the indications are that the acreage will be largely expanded since the area has the soil, the water, and nearby cash markets.

With the advent of Indiana's new "Seal of Quality" standardization

program, as well as ample supplies of cheap water, and land and climate with nearby markets, the future development of commercial vegetable production should be an ever expanding one on the muck, the black loams, and especially on the sandy soils of southwestern Indiana. **THE END.**



F. C. Gaylord, left, and William Gehring, center, northern Indiana grower, discuss latter's 100-acre onion field which produced 100,000 tons of U.S. No. 1 onions. Looking on is K. I. Fawcett, of Purdue University.



Crawford Parker, right, commissioner of agriculture, inspects the first truck load of "Seal of Quality" watermelons from Vincennes area. Melons are Purdue Hawkesbury and average 30 pounds each. Onlookers, from left to right, include Clarence Seibel, grower; Dave Simpson, member of Vincennes Area Marketing Committee; and Don Bloebaum, Indiana sales agent.



Indiana ranks second in processed tomato acreage. Last year's 30,500 acres yielded 213,500 tons.



Swift's Plant Foods trigger new Yield Energy



Vegetable cropland takes on new power to produce when it's fed with Swift's Plant Foods. The extra growth elements in these Specialized Crop Makers *trigger new yield energy from the soil . . .* actually make each acre of land worth more to you.

Swift's Plant Foods are made by the exclusive FLO-FUSION process which packs each particle with fertility to assure balanced feeding of your crop. The plant food elements are chemically-hitched so they can't shake out or separate.

There is a Swift's Plant Food that is just right for your crop. Your Swift Agent or Dealer will be glad to help you plan a soil fertility program using Vigoro Commercial Grower, Brimm, Blenn or Red Steer. Contact your nearest Swift office.



AGRICULTURAL CHEMICAL DIVISION • CHICAGO 9, ILLINOIS

To Serve Your Farm and Family Better

CALENDAR OF COMING MEETINGS AND EXHIBITS

July 8—Indiana State Vegetable Growers Association field day, Paul Klein farm, Vincennes.—H. T. Erickson, Dept. of Horticulture, Purdue University, Lafayette.

July 15—Iowa State Vegetable Growers' Association summer meeting, Clear Lake.—C. L. Fitch, Sec'y, P. O. Box 421, Sta. A, Ames.

July 16—Southern Minnesota Vegetable Growers' Association summer meeting, Hollandale.—Juel Nelson, Sec'y, Albert Lea.

July 17—Indiana State Vegetable Growers Association muck crops field day.—H. T. Erickson, Dept. of Horticulture, Purdue University, Lafayette.

July 23—West Tennessee Experiment Station Field Day, Jackson.

July 24-25—Maine Potato Blossom Festival and annual meeting of Maine Potato Council, Limestone, Aroostook County.

July 29—Middle Tennessee Experiment Station Field Day, Spring Hill.

July 30—Vaughan's Seed Co.'s annual field day, Cantigny Farm, Wheaton, Ill.—Carl F. Dietz, Manager, Vegetable Seed Dept., Vaughan's Seed Company, 601-605 W. Jackson Blvd., Chicago 6, Ill.

Aug. 7—Empire State Potato Club 25th annual summer field day, William Jackson Farm and Packing Plant, Savannah, Wayne County, New York.—Phil Luke, Pres., Fulton, N. Y.

Aug. 8—Highland Rim Experiment Station, Springfield, Tenn.

Aug. 12-13—Ohio Pesticide Institute, Ohio Agricultural Experiment Station, Wooster.—J. D. Wilson, Sec'y, OPL, Wooster.

Aug. 13—Tours of Horticulture Farm, Michigan State University, East Lansing.—A. E. Mitchell, Dept. of Horticulture, East Lansing.

Sept. 8-9—United Fresh Fruit and Vegetable Association, 10th annual merchandising and management conference, Morrison Hotel, Chicago, Ill.—Association offices: 777 14th St. N.W., Washington 5, D.C.; 903 Grand Ave., Kansas City 6, Mo.

ASGROW RELEASES NEW SNAP BEAN

A NEW stringless, green podded snap bean, Resistant Asgrow Valentine, has been released for sale by Associated Seed Growers, Inc., New Haven, Conn.

Developed primarily for produce growers and shippers, the new variety is resistant to common bean mosaic and the N. Y. 15 variant strain.

Plants are medium large, vigorous and productive, with medium green foliage. Pods are stringless, thick-oval to oval in shape, depending on growing conditions and maturity; medium light green, nearly straight; and of desirable length, 6 to 7 inches. They hold up well under long distance shipping and retain their appearance well on the produce stand. The seed is shiny and solid black.



New snap bean variety, which resembles Asgrow Black Valentine, produced higher yields and received superior ratings for pod type, quality.

AMERICAN VEGETABLE GROWER

DOMING IBITS

rowers As-
Vincennes,
are, Purdue

wers' Asso-
ke—C. L.
Ames,
able Grow-
ollandale,—

e Growers
L. T. Erick-
University,

ent Station
estival and
ncil, Lime-
ent Station

annual field
—Carl F.
Vaughan's
Blvd., Chi-

5th annual
Farm and
ounty, New
Y.

at Station,
Ohio Ag-
ter—J. D.

arm, Mich-
ng.—A. E.
Lansing.

Vegetable
lising and
otel, Chi-
a St. N.W.,
e., Kansas

SES

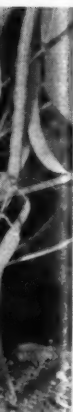
N

podded
Asgrow
for sale
s. Inc.,

produce
variety
mosaic

1.

vigorous
n green
, thick-
ding on
aturity;
traight;
inches.
distance
pearance
he seed



s Asgrow
s and re-
quality.

GROWER

When the bags are loaded...



"MARKETEER" SCORES EVERY TIME!

The game's in the bag when you use "Marketeer," the revolutionary new container for shipping fresh produce!

This wet-strengthened, 3-ply shipping sack for packing film-wrapped carrots and other produce items scores four different ways every time. Here's how:



PROTECTION Produce remains field-fresh even on long hauls—with or without top icing. Pre-punched holes for ventilation. Protects against crushed ice and rugged handling.

ECONOMY "Marketeer's" tough, kraft stock cuts shipping weight, brings you important savings in reduced freight costs.

HANDLING EASE Fast packing and closing. Easy to lift, load and stack. No nails or splinters. Saves storage space. Reduces disposal problems.

BRAND IDENTIFICATION Excellent for imprinting your brand designs and sales messages. "Marketeer" gives you advertising on the move!

If you ship film-wrap carrots, celery, cabbage or similar produce, let "Marketeer"* go to bat for you! Write today for details.



CROWN ZELLERBACH
San Francisco 19, California

*A trademark



MERCK presents latest results with **GIBREL®**



A premium market awaits the magnificent clusters of high-quality Thompson Seedless and Black Corinth grapes resulting from a single spray of GIBREL. Although the large treated grapes at right were grown without costly girdling, they are nearly twice the size of those at left which were produced by using traditional practices.

GIBREL

Promises Higher Profits for Farmers Everywhere

The experience of California grape growers is a striking example of how GIBREL promises higher crop yields and greater profits for farmers all across the country.

Thompson Seedless and Black Corinth grapes of California are naturally small in size and yield. To market a profitable crop, growers have been compelled to employ such practices as girdling and bunch-pruning—effective but costly measures for increasing berry size and yield. Here's how GIBREL has changed the picture.

A single spray of this new growth stimulant eliminates the need for girdling, and produces a crop equal in berry size and yield to that obtained from traditional practices. Even more impressive, a heavier spray of GIBREL gives up to twice the size and yield with the same high quality (as judged by sugar and acid content), and a chance for growers to develop a premium market.

Many other crops respond to seed treatment or foliar

© 1958, Merck & Co., Inc.

GIBREL®—a product of MERCK

sprays of GIBREL. Its "vitamin-like" effect often triggers a plant's characteristic growth—promises such results as increased size and yield of many fruits and vegetables, earlier emergence for a better stand, shorter growing period, and faster early growth even in the face of adverse weather.

© Merck & Co., Inc. for its brand of gibberellin plant growth substance.

SEND FOR FREE LITERATURE

Merck & Co., Inc., Rahway, N. J., Dept. AG-7

Please send free folders giving detailed information about the use of GIBREL for the following crops:

Grapes _____ Truck Crops _____ Tomatoes _____

Celery _____ Cotton _____ (other) _____

Name & Position _____

Address _____

BU

Adhesives
Agricultural Lim
Air Sprayers
Aldrin
Amino Triazole
Ammonium Nitr
Ammonium Nitr
Ammonium Sulf
Ammonium Sulf
Anhydrous Amm
Antibiotics
Acidione
Aramite
Axles—Two Spee

Bag Closing M
Bag Closures—P
Bag Holders
Bag Loaders
Bagging Machin
Bags—Cloth, Op
Coated, Trans
Barrels
Baskets—Corrug
Wood
Baskets, Steel
Bean Picker
Bearings
Benzene Hexach
Black Plastic M
Boilers
Booms & Nozzle
Borax
Box Dumpers
Boxes—Corrugat
Boxes—Wood,

In CONN
Orchard Eq
Hill Street,
Palmer Ci
Cloths and

CDA (Rando
CDEC (Vege
CET (Simazine)
Calcium Cyana
Canning, Pres
Caplan
Carltons, Consu
Celery Harvest
Cellulose Acet
Centrifugal Pur
Cheesecloth &
Chelated Com
Chloranil
Chlorobenzilate
Chloro IPC
Chloropicrin
Colchicine
Cold Frames
Concentrate Sp
Conversion Un
Conveyors
Copper Comp
Copper—Strept
Copper Sulfate
Corn Planter
Counting Devi
Couplings—Pip
Crates—Wood
Crawler Tracto
Cross Conveyo
Cultivator Shi
Cultivator Sho
Cultivators
Cushions
Cyanamid

BUYER'S GUIDE . . .

FOR THE VEGETABLE FARM

CLASSIFIED INDEX AND LIST OF NEAR-BY DEALERS

A	
Adhesives	52
Agricultural Lime	36
Air Sprayers	43
Aldrin	30
Amino Triazole	36
Ammonium Nitrate	36
Ammonium Nitrate Limestone	36
Ammonium Sulfamate	36
Ammonium Sulfate	36
Anhydrous Ammonia	36, 37
Antibiotics	32
Acidione	32
Aramite	30
Axles—Two Speed	18

B	
Bag Closing Machines	49
Bag Closures—Plastic, Tape, Wire Tie	49
Bag Holders	46
Bag Loaders	46
Bagging Machines	46, 49
Bags—Cloth, Open Mesh, Paper, Polyethylene	
Coated, Transparent	52
Barrels	52
Baskets—Corrugated, Fiberboard, Paperboard,	
Wood	52
Baskets, Steel	46
Bean Picker	46
Bearings	18
Benzene Hexachloride	30
Black Plastic Mulch	24
Boilers	19
Booms & Nozzles—Low Pressure	43
Borax	36
Box Dumpers	49
Boxes—Corrugated, Fiberboard, Paperboard	52
Boxes—Wood, Wirebound	53

In CONNECTICUT, Write . . .
Orchard Equipment & Supply Co.,
Hill Street, Bristol
Palmer Cider Presses, Apple Graters, Filter
Cloths and Racks

C	
CDAA (Radox)	38
CDEC (Vagedex)	38
CET (Simazine)	38
Calcium Cyanamide	38
Canning, Preserving	51
Caplan	32
Cartons, Consumer	53
Celery Harvester	46
Cellulose Acetate Butyrate	19
Centrifugal Pump	28
Cheesecloth & Plant Bed Covers	19
Chelated Compounds	36
Chloranil	32
Chlordane	30
Chlorobenzilate	30
Chloro IPC	38
Chloropicrin	38
Colchicine	37
Cold Frames	19
Concentrate Sprayers	43
Conversion Units	43
Conveyors	49
Copper Compounds	32
Copper—Streptomycin Terramycin	32
Copper Sulfate	36
Corn Planter	24
Corn Planter, Hand	24
Counting Devices	50
Couplings—Pipe	27
Crates—Wood	53
Crawler Tractors	18
Cross Conveyor	46
Cultivator Shields	15
Cultivator Shovels	15
Cultivators	15
Cushions	50
Cyanamid	36

In ILLINOIS, Write . . .
Sho-Off Orchards Products Co.,
107 N. Washington St., Peoria
Sprayers, Irrigation Equipment, Fruit Sizers,
Power Pruners, Steel Squirrels, Travel
Towers, Ladders, Picking Bags, Fungicides
and Insecticides

D	
D-D	38
DDT	30
Dalapon (Dowpon)	38
Deep Well Pumps	29
Demeton	30
Diazinon	30
Dichloro	34
Dieldrin	30
Dinitro Butyl Phenol	38
Ditchers, Furrowers, Scrapers, Levelers	27
Diuron (Karmex, DW)	38

In KANSAS, Write . . .
Blood Orchards, 6346 S. Broadway,
Wichita

D	
Driers	50
Drills—Planters	24
Dust Mixers	43
Dusters—Hand, Power	43
Dusters—Spray	43

E	
EPN	30
EPTC (EPTAM)	38
Electric Plants	19
Endrin	30
Engines	27
Ethylene Dibromide	38
Extractors	51

F	
Face Shields	44
Ferbam	34
Ferric Sulfate	36
Fertilizer Attachments	24
Fertilizer Injector, Anhydrous Ammonia	24
Fertilizer Injectors	27
Fertilizer Spreaders	18
Fertilizers	36-37
Fertilizers, Liquid	36
Films & Foils	19
Frost Alarm Indicators	29
Frost Protection	29
Fumigants	37
Fungicides	32-36
Furrowers, Tractor	15

**In MASSACHUSETTS and New
England States, Write . . .**
James H. Cookman Co., Route 9 at
Route 85, Southborough
Fiorelli, Inc., 13 S.W. Cut-off, Worcester 4,
Phone Swift 9-6316

Graders, Washers, Waxers, Automatic Bag-
gers, Crate Turners, Gravity and Power
Conveyors, Staplers and Staples, Power
Sprayers, Irrigation Pumps, Pipe and Fit-
tings, Fork Lift and Other Material Hand-
ling Equipment

G	
Garden Cultivators—Hand Wheeled	15
Garden Tractors	18
Gelrite—EM-923	30
Gibberellic Acid	37
Glass Containers	51
Goggles	44
Graders & Sizers	50
Greenhouse Insurance	19
Greenhouses	19
Griseofulvin	32
Growth Regulators	37
Growth Retarders	37
Guthion	30

H	
Harrows	15
Harvesters, Beets, Carrots, Radishes	46
Harvesting Equipment	46-48
Heaters, Unit	19
Heating Cables	19
Hose, Irrigation—Metal, Suction	27, 28
Hose, Reel	27
Hotbeds	19
Hullers	51
Hydraulic Power Sprayers	43
Hydrocoolers	50

I	
Ice Machines	50
Icing Equipment	50
Inoculants	20
Insecticides	30-32
Insulation	50
Irrigation & Drainage	27-29
Irrigation Pumps—Centrifugal, Deep Well, Portable	28, 29

In MICHIGAN, Write . . .
Michigan, Orchard Supply Company,
South Haven, Phone 252
Irrigation Equipment, Lift Trucks, Sprayers,
Guns, Ladders, Picking Bags, Tre-Hoe,
Graders, Power Pruners, Tractor Lifts,
Packaging Equipment and Frost Protection
Shane Orchard Supplies, Corner Territorial
& Route 140, Watervliet

K	
Kerathane	34
Knapsack & Hand Sprayers	43

L	
Labels, Tags	53
Lightweight Portable Mist Sprayers	43
Lindane	30
Loaders—Truck	50
Low Pressure Booms & Nozzles	43

M	
Magnesium Sulfate	34
Malathion	30
Maleic Hydrazide	37, 38
Maneb	34
Manganese Sulfate	36
Marking Devices	53
Masks, Spray	44
Methoxychlor	32
Methyl Bromide	38
Mist Sprayers	43
Mixers—Dust	43
Mixers—Dust	28
Moisture Meters	38
Mono-Calcium Arsenite	38

Monuron	38
Mowers, Reel-Gang	15
Mowers, Rotary Blade	16
Mowers, Rotary Hammer	16
Mowers, Tractors	16
Mulchers	16
Mylone	38

N

N.I.X.	38
NPA (Alanap-I)	38
NTY	37
Nabam	34
Nicotine	32
Nitrate of Potash	34
Nitrate of Soda	34
Nitrogen Solutions	36
Nutritional Foliar Plant Foods & Starter Solutions	36
Nutritional Trace Elements	37

O

Onion Set Planters	24
Onion Set Toppers	24
Onion Toppers & Harvesters	46
Organo-Mercury	34
Oxaz	32
Oxyquinoline Compound	38

In OHIO, Write . . .

Bero Bros., 51-53 McKinley Avenue,
Newark

Chain Saws \$127.50 Up, Pruners, Frick
Sawmills & Supplies, Whiskey Barrels,
Lawn Mowers and Small Engines

Letherman's, Inc., 501 McKinley Avenue,
N.W., Canton 2

Complete Line of Seeds and Spray Materials

Van Atta Seed & Implement Company,
3210 Spring Grove Avenue, Cincinnati 25

P

Packages & Packaging	52-53
Packing House Equipment	49-51
Packing Tables	50
Pads—Stamping	53
Parathion	32
Pea Harvesters & Lifters	46
Pentachlorophenol	38
Perthane	32
Pipe—Asbestos-Cement	28
Pipe—Carrier	28
Pipe—Couplings	28
Pipe—Metal	28
Pipe—Perforated	28
Pipe—Plastic	28
Pipe—Portable, Metal	28
Plant Growth Regulators	37
Plant Protectors	29
Planting Equipment	24-26
Plows	16
Polyester	19
Polyethylene Film	19

In OREGON, Write . . .

Farm Tool & Eqpt., Route 2, Box 444
Cornelius, Ph EL 7-3362

Portable Pumps	29
Post Hole Diggers	16
Potash Salts	37
Potato Brushes & Cleaners	46
Potato Cutters	24
Potato Diggers—Elevator, Plow	47
Potato Elevators, Conveyors, Wagon Dumps	47
Potato Graders & Sorters	47
Potato Pickers & Harvesters	47
Potato Planters	24
Potato Seed Treaters	24
Potato Sprout Inhibitor	37
Potato Washers	51
Potato Waxers	51
Power Dusters	43
Power Take-off Sprayers	43
Prepackaging Trays	53
Pulverizers, Packers, Mulchers, Corrugated	16
Pumps	28-29
Pyrethrum & Derivatives	32

R

Radish Toppers	48
Rain Gauges	29

In PENNSYLVANIA, Write . . .

J. C. Ehrlich Co., 30 N. 8th St., Reading

Engineering Equipment Co., 4021 N. 6th

St., Harrisburg

Irrigation Equipment—Portable and Perma-

nent

Hurr Distributors, R.D. #2, Jersey Shore

Robert B. Peters Co., 323 N. 15th St.,

Allentown

Lester A. Singer, Ronks, Ph. Strasburg

OV 7-3226

Myers Sprayers and Irrigation Systems

Tyson Orchard Service, Flora Dale

Complete Line of Tools, Equipment and

Chemicals for the Orchard

Repellents—Bird, deer, Rodent	25
Respirators	44
Rodenticides	25
Rotary Tillers	18
Rotenone Products	32
Rototiller, Spring Guard	14
Rubber Bands	48

S

Sash	19
Scale	50
Seed, Certified Potato	20
Seed Cleaners	20
Seed Drills	24
Seeders	24
Seedless Watermelon	20
Seeds & Plants	20-23
Seeds, Coated	20
Seeds, Vegetable & Melon	20-23
Sesone	38
Savin	32
Sickle Bar Tractor-Power	16
Sickle Bar, Walking	16
Slicers	51
Sodium Salt of Dinitro-Ortho-Cresol	38
Soil Conditioners	37
Soil Fumigants	38
Soil Shredders	25
Soil Testers	37
Sorting & Trimming Tables	51
Spray Clothing	44
Spray Dusters	43
Spray Protection	44
Sprayers	43
Spraying & Dusting Equipment	43
Sprays, Dusts & Fertilizers	30-38
Spreaders	18
Sprinkler Heads—Revolving	29
Sprinkler Systems	29
Stake Presses	26
Stamping Inks, Pads	53
Stamps—Rubber	53
Staplers & Stitchers	50
Staples	51
Starter Solutions	36
Steam Traps	19
Sterilizing Covers	19
Stokers	19
Stone Pickers	18
Streptomycin	32
Streptomycin Nitrate	32
Streptomycin-Terramycin	32
Substituted Urea Herbicides	38
Sulfate of Ammonia	34-37
Sulfur	34, 37
Superphosphate	37
Sweetpotato Digger	48

In TEXAS, Write . . .

Simon J. Burg Sprayer Co., Stonewall

Distributors for John Bean and Power
Spraying Equipment, Porter Pruning Equip-
ment, Agricultural Chemicals, Weed and
Brush Killers, Range Portable Livestock
Scales and Chutes

T

TCA	38
Tanks—Wood	51
Temperature Controls	19
Terracior	36
Terramycin	32
Thinners—Vegetable	18
Thiram	36
Tiller—Rake	18
Tillers	18
Tillers—Rotary Garden—Rotary Tractor P.T.O.	18

Tires, Tubes—Pneumatic	18
Tomato Defoliant	38
Tomato Hormone Spray	37
Topping Machines	48
Toxaphene	32
Traction Devices	18
Tractor Chains	18
Tractors, Crawlers	18
Tractors—Fork Lift	15
Tractors—Garden	18
Tractors—Tillage Equipment	15-18
Tractors—Underdrive	18
Tractors—Wheel	18
Transparent Film	19
Transplant Containers	26
Transplant Hormones	37
Transplanters—Cabbage, Celery, Tomato	26
Transplanters, Hand	26
Tray Packs	53
Trellising Equipment	26
Triflithion	32
Truck Accessories	18
Trucks—Hand	51
Trucks—Lift	51
Trucks—Motor	18
Trucks & Transportation	18
2,4-D & 2,4,5-T	38
Tying Machines	48

U

Urea	37
------	----

In WASHINGTON, Write . . .

Cashway Lumber, 4304 Main Street,

P.O. Box 3067, Union Gap

By the Overpass in Union Gap

Gust Gustafson Mfg. Co.,

P.O. Box 485, Yakima

Spraywell Spray Guns, Cutwell Aluminum
Pole Pruners, Cutwell Aluminum Telescop-
ing Pole Pruning Saws, Cutwell Limb Lop-
pers, Workwell Pollenization, Single and
Telescoping Aluminum Guns

V

Valves, Hydrant Type	29
Vapam	38
Vegetable Graders & Sorters	48
Vegetable Plant Growers	23
Vegetable Processing	51
Vegetable and Roof Washers	51
Ventilators	19
Vermiculite	19
Vinyl	19

In WISCONSIN, Write . . .

Wisconsin Orchard Supply Company,

"Bill" Aeppler, Mgr., Dept. VF, 704 Con-

cord Road, Oconomowoc

Hardie Sprayers, Irrigation Equipment,
Power Pruning Equipment, Culti-Cutter &
Brush Shredders, Friend and Trescott Fruit
& Vegetable Graders-Washers, Prepackag-
ing & Bagging Equipment, Cold Storage
Consulting Specialists

W

Washers	51
Wax	51
Waxers	51
Weed Burners	43
Weed Killers	38
Weed Sprayers	43
Weeders	18
Wheel Tractors	18
Will-Proof Compounds	26
Wirebound Boxes & Crates	53
Wood Boxes & Crates	53

X

Xanthogen Disulfide	38
---------------------	----

Z

Zinc Sulfate	32
Zineb	36
Ziram	36

AMERICAN VEGETABLE GROWER



Allis-Chalmers M
St., Milwaukee
J. I. Case Co., 70
Cockshutt Farm
Canada
John Deere, Mo
Dempster Mill M
Evans Mfg. Co.
Calif.
Ferguson Mfg. C
Glencoe Mfg. Co.
Hamill Mfg. Co.
International Har
Chicago I, Ill.
Keweenaw Engine
Kibro Co., 131 S
John R. Kovar M
Lift Tools, Inc., E
Massey-Ferguson
Minneapolis-Mol
Minn.
Oliver Corp., 400
Portable, Elevat
Bloomington, I
Robinson Blower
Calif.
Towner Mfg. Co.
Tractor and Imp
Birmingham, Mic
Western States E
George White &
John Williams St

Burch Plow Wor
Engine Parts M
Ohio
H. D. Hume Co
Kooker Mfg. Co
Miss. Engineerin
Siebring Mfg.,
Tunnel Shield M
Yetter Mfg. Co.

S. L. Allen & C
Philadelphia 40, Pa.
Blanton Plow Co
Empire Plow Co
International Har
Chicago I, Ill
King Plow Co.,
Lantz Mfg. Co.,

LANTZ in ROW S

Get all the w
without crop
damage. Wri

LANTZ Mfg. Co.

Massey-Ferguso
National Farm
Osmundson For
Osmundson, Spa
Pittsburgh Forg
Southern Plow
Whitaker Mfg.

FO

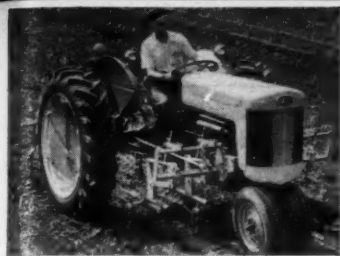
BMC Fork Lift
Calif.
Edwards Equip
Gladden-Haas,
Henderson Mfg
Kirkhof Mfg. C
Lift Tools, Inc.,
Portable Eleva
Bloomington,
Sherman Produ
Wagner Iron V
Wis.

FU

Allis-Chalmers
St., Milwaukee
John Deere, Mo

JULY, 1958

TRACTORS & TILLAGE EQUIPMENT



CULTIVATORS

Allis-Chalmers Mfg. Co., Tractor Div., 1126 S. 70th St., Milwaukee 1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
Cockshutt Farm Equipment, Ltd., Brantford, Ontario, Canada
John Deere, Moline, Ill.
Dempster Mill Mfg. Co., Beatrice, Nebr.
Evans Mfg. Co., Lincoln & Manchester, Anaheim, Calif.
Ferguson Mfg. Co., Inc., Suffolk, Va.
Glencoe Mfg. Co., Glencoe, Minn.
Hamill Mfg. Co., Inc., Washington, Mich.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Kewanee Engineering Corp., Kewanee, Wis.
Kirby Co., 131 Schley St., Newark 12, N. J.
John R. Kover Mfg. Co., Inc., Anoka, Minn.
Lift Tools, Inc., Eau Claire, Mich.
Massey-Ferguson, Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.
Robinson Blower & Engineering Corp., San Martin, Calif.
Towner Mfg. Co., Santa Ana, Calif.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.
Western States Equipment Co., Golden, Colo.
George White & Sons Co., Ltd., London, Canada
John Williams Steel Works, Jackson, Tenn.

CULTIVATOR SHIELDS

Burch Plow Works, Inc., Evansville, Ind.
Engine Parts Mfg. Co., 1360 W. 9th St., Cleveland, Ohio
H. D. Hume Co., Mendota, Ill.
Kookier Mfg. Co., Hull, Iowa
Miss. Engineering Co., Inc., Grand Mound, Iowa
Siebring Mfg., George, Iowa
Tunnel Shield Mfg. Co., Jasper, Minn.
Yetter Mfg. Co., Colchester, Ill.

CULTIVATOR SHOVELS

S. L. Allen & Co., Inc., 5th & Glenwood, Philadelphia 40, Pa.
Blanton Plow Co., Inc., Rome, Ga.
Empire Plow Co., Inc., 3140 E. 65th St., Cleveland, O.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
King Plow Co., Atlanta, Ga.
Lantz Mfg. Co., Inc., Valparaiso, Ind.

LANTZ LEADS in ROW SWEEPS

Get all the weeds
without crop root
damage. Write—

LANTZ Mfg. Co., Inc., 5701 Green St., Valparaiso, Ind.



Massey-Ferguson, Inc., Racine, Wis.
National Farm Equipment & Supply, Marion, Ind.
Osmundson Forge Co., Webster City, Iowa
Osmundson Spade Mfg. Co., Perry, Iowa
Pittsburgh Forgings Co., Coraopolis, Pa.
Southern Plow Co., Columbus, Ga.
Whitaker Mfg. Co., 5719 W. 65th St., Chicago, Ill.

FORK LIFTS—TRACTOR

BMC Fork Lift, Blackwelder Mfg. Co., Rio Vista, Calif.
Edwards Equipment Co., Yakima, Wash.
Gladden-Haas, Inc., Owosso, Mich.
Henderson Mfg. Co., Box 1743, Cedar Rapids, Iowa
Kirkhof Mfg. Corp., Grand Rapids, Mich.
Lift Tools, Inc., Eau Claire, Mich.
Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.
Sherman Products Corp., Royal Oaks, Mich.
Wagner Iron Wks., 1905 S. First St., Milwaukee 1, Wis.

FURROWERS—TRACTOR

Allis-Chalmers Mfg. Co., Tractor Div., 1126 S. 70th St., Milwaukee 1, Wis.
John Deere, Moline, Ill.

Earthmaster Farm Equipment, 10777 Van Owen St., Burbank, Calif.
Evans Mfg. Co., Anaheim, Calif.
International Mfg. Co., Inc., Garland, Tex.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Massey-Ferguson, Inc., Racine, Wis.
Towner Mfg. Co., Santa Ana, Calif.

GARDEN CULTIVATORS—HANDWHEEL

S. L. Allen & Co., Inc., 5th & Glenwood, Philadelphia 40, Pa.
Barker Mfg. Co., Inc., David City, Nebr.
Blanton Plow Co., Rome, Ga.
Empire Plow Co., 3140 E. 65th St., Cleveland, Ohio
R. Herschel Mfg. Co., Peoria, Ill.
National Farm Equipment Co., Inc., 142 Greene St., New York, N.Y.
True Temper Corp., 1623 Euclid Ave., Cleveland 15, Ohio

HARROWS

Adams Hard-Facing Co., Wakita, Okla.
Algoma Implement Co., 2304 University Ave., St. Paul, Minn.
Allis-Chalmers Mfg. Co., Tractor Div., 1126 S. 70th St., Milwaukee 1, Wis.
Babcock Mfg. Co., Leonardsville, N. Y.
John Bacon Corp., Gasport, N. Y.
Belle City Mfg. Co., Racine, Wis.
Blanton Plow Co., Inc., Rome, Ga.
John Blue Co., Inc., Huntsville, Ala.
Bucher & Gibbs Plow Co., 6245 State Road, Philadelphia, Pa.
Burch Plow Works, Inc., Evansville, Ind.
J. I. Case Co., 700 State St., Racine, Wis.
Champion Mfg. Co., Newton, Iowa
Cockshutt Farm Equip., Inc., Bellevue, Ohio
John Deere, Moline, Ill.
Farm-Rite Implement Co., 4227 N. Knox Ave., Chicago 11, Ill.
Feury-Bissel Div., Elora Industries, Elora, Ont., Canada
Freeman Mfg., Inc., 3115 E. 28th St., Minneapolis, Minn.
J. A. Freeman & Son, 2034 N. W. 27th Ave., Portland 10, Ore.
Fuller Mfg. Co., Centerville, Iowa
Garden Tractor Sales & Service, Inc., 4276 E. Olympic Blvd., Los Angeles 23, Calif.
Henderson Implement Co., 1012 Farnam St., Omaha 8, Nebr.
Hotchkiss Steel Products Co., Bradford, Ill.

Intercontinental Mfg. Co., Inc., Garland, Texas
International Harvester Co., 180 N. Michigan Ave., Chicago, Ill.
Kelly Ryan Equip. Co., Blair, Nebr.
Kewanee Machinery & Conveyor Co., Kewanee, Ill.
King Plow Co., Atlanta, Ga.
John R. Kover Mfg. Co., Inc., Anoka, Minn.
Lift Tools, Inc., Eau Claire, Mich.
Massey-Ferguson, Inc., Racine, Wis.
McAdam & Sons, Barker, N. Y.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Rose Mfg. Co., Yakima, Wash.
Smalley Mfg. Co., Manitowoc, Wis.
L. H. Schultz Mfg. Co., Rochelle, Ill.
Southern Plow Co., Columbus, Ga.
Taylor Implement Mfg. Co., Athens, Tenn.
Towner Mfg. Co., Santa Ana, Calif.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.

LAND LEVELERS

Mervin Landplane Co., P. O. Box 209, Woodland, Calif.

MOWERS

REEL—GANG

Worthington Mower Co., Stroudsburg, Pa.

ROTARY CUTTER-SHREDDER

Rotary Blade

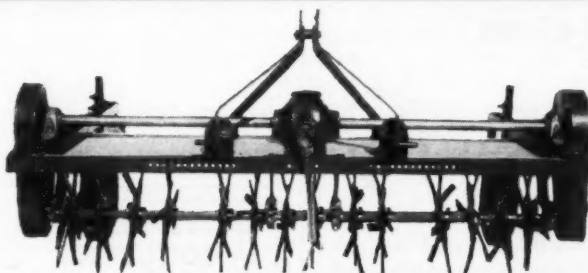
Algoma Foundry & Machine Co., Algoma, Wis.
Brillion Iron Works, Inc., Brillion, Wis.
Bush Hog Mfg. Co., Selma, Ala.
E. E. Caldwell & Sons, 3204 Agnes St., Corpus Christi, Tex.



SAVE TIME and MONEY on Sickle Grinding

New, low-cost "Swinging"
Sickle Grinder grinds coming
and going in half the time.
Write—

LANTZ Mfg. Co., Inc., 5704 Green St., Valparaiso, Ind.



POWER DRIVEN ROTARY CULTIVATOR

2-Row Model

To be used on large or small farms. Increases crop yields, makes crops healthier and in turn keeps your soil rich and full of humus.

This implement is built of the best materials, with best workmanship. The fingers are adjustable to different width rows. The implement measures 7 feet 8 inches long and weighs approximately 800 pounds.

The tool you have been hearing so much about. The tool that saves you time and boosts your crop yield.

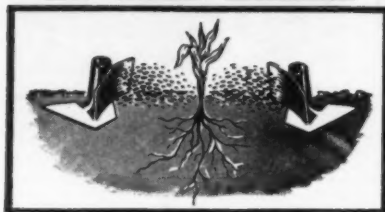
Dealers Wanted

McCLENNY FARM MACHINERY CO.

P.O. Box 388

Suffolk, Va.

NEW LANTZ SWEEPS COVER WEEDS IN THE ROW



Eliminate root pruning and throw dirt where you want it

Ideal for both first and last cultivation. Patented sweep deflector on Lantz Row Sweeps throws dirt farther in a more uniform flow—even covers weeds and grass between hills in the rows. Faster cultivating speeds are possible because sweeps can be set farther from row—preventing root pruning. Fit all leading tractor cultivators. Adjust dirt control with simple twist of shank. Proven effective shallow cultivation for corn, soybeans and other row crops. Extra yield from one acre will more than pay for your Lantz Row Sweeps. **Send coupon for special field report folder.**

LANTZ MANUFACTURING COMPANY, INC.

Dept. 116-F

Valparaiso, Indiana

Please send me special field report folder and other illustrated literature on the sensational new Lantz Row Sweeps.

Name

Town and State

My favorite Farm Implement Dealer is

MADE FOR YOU!

The finest...

VEGETABLE CULTIVATOR

...in the field

TRY IT AT OUR EXPENSE



BETTER WORK

—no other tool can equal it, cultivator fits every tractor. Built to outlast the life of your tractor. Roughest and toughest in the field—nothing to break. Speed up your tractor and do more acres per day. Does all your cultivating from beginning to end. Have a cleaner field—no weeds with a KIRBRO cultivator. Have top rate performances with the KIRBRO cultivator.

WRITE OR CALL FOR FURTHER DETAILS

KIRBRO CO.

131 SCHLEY ST. NEWARK 12, N.J. WAREHOUSE 3-4635

TRACTORS AND TILLAGE

J. I. Case Co., 700 State St., Racine, Wis.
John Deere, Moline, Ill.
Howard C. Green, Portland, N.Y.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Lilliston Implement Co., Albany, Ga.
New Idea Mfg. Co., Coldwater, Ohio
Sunflower Industries, Inc., Olathe, Kans.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.
Trump Sales, Ltd., Box 160, Oliver, B.C., Canada
Wood Bros. Mfg. Co., Oregon, Ill.

Rotary Hammer

J. I. Case Co., 700 State St., Racine, Wis.
Lundell Mfg. Co., Cherokee, Iowa
C. W. Mott, 4014 Eberly Ave., Brookfield, Ill.
Parma Water Lifter Co., Parma, Idaho
Sunflower Industries, Inc., Olathe, Kans.

SICKLE BAR—WALKING TYPE

Aircapitol Manufacturers, Inc., Wichita, Kans.
Jari Products, Inc., 2938 Pillsbury Ave., Minneapolis 8, Minn.
National Mower Co., Cromwell Ave., St. Paul 4, Minn.

TRACTOR—POWER

Allis-Chalmers Mfg. Co., Tractor Div., 1126 So. 70th St., Milwaukee 1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
John Deere, Moline, Ill.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Kosch Mfg. Co., Columbus, Nebr.
Massey-Ferguson, Inc., Racine, Wis.
Minneapolis-Moline Co., P. O. Box 1050, Minneapolis 1, Minn.
New Idea Farm Equip. Co., Coldwater, Ohio
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Sunflower Industries, Inc., Olathe, Kans.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.



LANTZ Leads with TIL-KUT Blades

Exclusive zig-zag, angular cutting action. Fit all leading plows. Outsell all others. *Write—*

LANTZ Mfg. Co., Inc., 5702 Green St., Valparaiso, Ind.

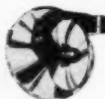
PLOWS

Allis-Chalmers Mfg. Co., Tractor Div., 1126 So. 70th St., Milwaukee 1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
Cockshutt Farm Equip., Inc., Bellevue, Ohio
John Deere, Moline, Ill.
Edwards Equipment Co., 4312 Main St., Yakima, Wash.
Farmers Tool & Equipment Co., 8541 Amelia St., Oakland, Calif.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Krause Plow Corp., Hutchinson, Kans.
Lift Tools, Inc., Eau Claire, Mich.
Massey-Ferguson, Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.
Tractor & Implement Div., Ford Motor Co., Birmingham, Mich.

LANTZ LEADS in COULTERS

Only Lantz makes the world famous 2-Blade Cutter-Kolter and amazing new 1-Blade Model H. *Write—*

LANTZ Mfg. Co., Inc., 5702 Green St., Valparaiso, Ind.



POST HOLE DIGGERS (POWER-TRACTOR MOUNTED)

Champion Mfg. Co., Newton, Iowa
Continental Belton Co., Belton, Tex.
Danuser Machine Co., Fulton, Mo.
Farm-Aid Equipment Co., 1141 E. Washington St., Indianapolis, Ind.
Farm Equipment Div., Standard Steel Wks., N. Kansas City 16, Mo.
Ottawa Warner Corp., Inc., 2609 Walnut St., Kansas City, Mo.
Rear's Farm Service, Eugene, Ore.
Roper Mfg. Co., Zanesville, Ohio

Fence Building * Tree Planting

AUGER

- Quick to attach
- Heavy steel gears for life-time use
- Rugged plow steel cutting edges
- Shear pin on top—not on auger bit
- Adaptable to most tractors



Complete with 9" bit \$95. f.o.b. Eugene with 20" tree-planting bit (illustrated) add \$15 with 24" bit, add \$20

REAR'S FARM SERVICE

755 River Ave.

Eugene, Ore.

Sunflower Industries, Inc., Olathe, Kans.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.
Twin Draulic, Inc., Laurens, Iowa
Von Ruden Mfg. Co., 12 Front St., Claremont, Minn.

PULVERIZERS, PACKERS, MULCHERS

Brillion Iron Works, Inc., Brillion, Wis.
Burch Plow Works, Inc., Evansville, Ind.
J. I. Case Co., 700 State St., Racine, Wis.
Lockwood Grader Corp., Gering, Nebr.
Minneapolis-Moline Co., P. O. Box 1050, Minneapolis, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
T. G. Schweizer Co., Fresno, Calif.
S. S. Simons Machine Works, 6223 State Rd., Cornwells Heights, Pa.
Thomas Welding & Mfg. Co., 3274 S. 99 Hiway, Fresno, Calif.

ROTOTILLER SPRING GUARD

Roto-Shoe, Indiana, Pa.

HANDBOOK FOR VEGETABLE GROWERS

By James E. Knott

Much of the widely scattered information on vegetable growing is packed into this spiral-bound, pocket-size handbook. Source of material is included. A "must" for your library.

238 pages \$3.95

Send on receipt of check or money order.

AMERICAN VEGETABLE GROWER
Willoughby, Ohio

When writing advertisers

please mention

AMERICAN VEGETABLE GROWER



Modern SUN-MASTR ROTARY MOWERS

**SHRED STALKS
MOW WEEDS
and BRUSH**

**NEW
LOW
PRICE**

**AMAZING
PERFORMANCE**

Extra Sturdy—Guaranteed

SHRED STALKS and STUBBLE. Turn waste into rich fertilizer. Helps destroy insects. Makes clean plowing easy. **MOW** pastures, lawns, all types of grasses. **CUT** largest weeds and vines—brush up to 3" in diameter! Costs so little you can't afford to be without. Advanced design. Exclusive features. Quality built. **SIZES and MODELS FOR ALL JOBS and TRACTORS.**

**FREE
BOOK**

**WRITE TODAY FOR FREE BOOK OLAHIE.
SUNFLOWER INDUSTRIES, INC. KANSAS**

AMERICAN VEGETABLE GROWER

Rear-m
Utility e
tons. F
1,000 p

How

Year-arou
and similar e
for the 350
cultivator .
and you att

Rear-mounted fork lift for the 350 Utility easily handles loads up to two tons. Front-end lifts handle up to 1,000 pounds.



How 1 man does the work of 7 with an International® 350 Utility



Year-around utility. In addition to fork lift, heavy-duty loaders, and similar equipment, there is a full line of advanced field equipment for the 350 Utility. Above, the new McCormick® four-row, Fast-Hitch cultivator... easily adjusted for rows from 28 to 42 inches apart, and you attach or detach it in seconds!

Using an International 350 Utility tractor equipped with fork lift, one man now handles 710-pound pallet boxes from three mechanical bean harvesters for Larsen Canning Company, Green Bay, Wisconsin. Two pallets are loaded and unloaded at a time. Formerly, using sacks and hand methods, seven men were required. Additional savings in unloading operations at the processing plant also are reported. In the field, even wet, soft, or sandy soil fail to slow up loading operations, due to the 350 Utility's big-diameter tires and power steering.

The International 350 Utility leads its power class in built-in weight for strength, stamina, and traction. Your IH dealer will demonstrate—call him today!



SEE YOUR

**INTERNATIONAL
HARVESTER DEALER**

International Harvester Products pay for themselves in use—Farm Tractors and Equipment... Twine... Commercial Wheel Tractors... Motor Trucks... Construction Equipment—General Office, Chicago 1, Illinois.



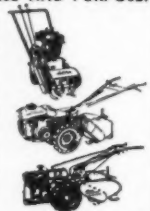
Other tillers may look like an Ariens Jet—but not one can equal it for engineering and trouble-free service! With free-swinging depth bar, fingertip controls, 8" to 20" tillage width, Ariens JET is made for Just Easy Tilling. 2½ h.p. Briggs & Stratton engine; "Le-Tone" muffler. Compare... and you'll choose the low-cost Ariens JET!

TILLERS FOR EVERY PURSE AND PURPOSE!

ARIENS YARDSTER — for home gardeners. 12" tillage, 2-speed wheel drive; all-season attachments.

ARIENS MULTIMATIC — for professional gardeners. 16" tillage. 2-speed, 2-direction operation with Insta-Mitch attachments.

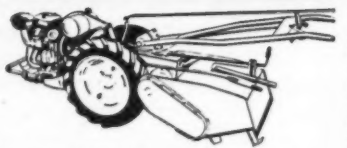
ARIENS TRANS-A-MATIC — for heavy duty tilling. Two models: 20" or 28".



Write for free folder. Dealer inquiries invited.

Ariens 183 Columet St. Brillion, Wis.

NEW HEAVY DUTY TILLERS for professional jobs **BOLENS** **TILLMASTER**



the ALL-AMERICAN tiller with...

- Big, 9.2 hp engine
- Full 20" tilling swath
- Widest rotor speed range
- Simple controls
- Easy handling stability



POWERTILLER
Powered wheels, medium size

16" tilling swath. Powerful 3.6 hp engine. Perfect balance. 2 forward speeds and safety reverse.

Send for free catalogs
BOLENS PRODUCTS DIVISION
Food Machinery & Chemical Corp.
Port Washington 77, Wisconsin

TRACTORS AND TILLAGE

SPREADERS

LIME, FERTILIZERS

Belt Corporation, Orient, Ohio
Century Engineering Corp., Cedar Rapids, Iowa
Champion Mfg. Co., Newton, Iowa
Cyclone Seeder Co., Urbana 3, Ind.
John Deere, Moline, Ill.
Etee Flow Div., Avco Distributing Corp., 3428 N. Harlem Ave., Chicago 3, Ill.
Hampshire Implement Co., Hatfield, Mass.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Masters Planter Co., Benton Harbor, Mich.
Minneapolis-Moline Co., P. O. Box 1050, Minneapolis 1, Minn.
New Idea Farm Equip. Co., Coldwater, Ohio
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Skibbe Mfg. Co., Sodus, Mich.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.
Wade Rain, 1919 N.W. Thurman, Portland 9, Ore.

STONEPICKERS

Bergman Mfg. Co., Pigeon, Mich.
Bridgeport Implement Works, Inc., Stratford, Conn.
Lockwood Grader Corp., Gering, Nebr.
Min-Kota Mfg. Co., Moorhead, Minn.
Self Mfg. Co., Twin Falls, Idaho
Steinman Mfg. Co., Carrington, N.D.

TILLER RAKE

Roseman Tractor Equipment Co., 2626 Crawford Ave., Evanston, Ill.

TILLERS

ROTARY

Ariens Co., Brillion, Wis.
Bolens Products Div., Food Mach. & Chemical Corp., Port Washington, Wis.
Cultiller Co., New Brunswick, N.J.
Eshelman Co., 119 Light St., Baltimore 2, Md.
Gravelly Tractor Inc., Dunbar, W. Va.
Howard Rotavator Company, Inc., Arlington Heights, Ill.
Jari Products, Inc., 2938 Pillsbury Ave., Minneapolis 8, Minn.
Merry Mfg. Co., Edmonds, Wash.
Quick Mfg. Co., 3240 E. Main St., Springfield, Ohio
Roto Hoe & Sprayer Co., Newbury, Ohio
Simplicity Mfg. Co., 2114 Spring St., Port Washington, Wis.

ROTARY TRACTOR POWER TAKE-OFF

Ariens Co., Brillion, Wis.
Bolens Products Div., Food Mach. & Chemical Corp., Port Washington, Wis.
Chickering Vegetable Equip. Co., Balding, Mich.
Frazer Farm Equipment Corp., Auburn, Ind.
Great Lakes Tractor Co., Rock Creek, Ohio
Howard Rotavator Co., Inc., Arlington Heights, Ill.
McClenny Farm Machinery Co., P. O. Box 388, Suffolk, Va.
Seaman Andwall Corp., 305 N. 25th St., Milwaukee, Wis.

TRACTION DEVICES

Arps Corp., New Holstein, Wis.
Bombardier Snowmobile Ltd., Valcourt, Que., Canada
Massey-Ferguson Inc., Racine, Wis.
National Machine Co., 227 6th Ave. E, Des Moines, Iowa
Snap-Trac, Inc., 257 Owen St., Middlefield, Ohio

TRACTOR CHAINS

Columbus-McKinnon Chain Co., Tonawanda, N.Y.
Horner Tractor Sales, Geneva, Ohio
Snap-Trac, Inc., 257 Owen St., Middlefield, Ohio

TRACTORS

CRAWLER

Allis-Chalmers Mfg. Co., 1126 So. 70th St., Milwaukee 1, Wis.
Caterpillar Tractor Co., 1949 Cleveland Ave., Peoria, Ill.
John Deere, Moline, Ill.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Windolph Tractor Co., 828 S. 21st Ave., Portland 5, Ore.

WHEEL

Allis-Chalmers Mfg. Co., 1126 So. 70th St., Milwaukee 1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
Caterpillar Tractor Co., 1949 Cleveland Ave., Peoria, Ill.
John Deere, Moline, Ill.
Friday Tractor Co., Hartford, Mich.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Love Tractor Inc., Eau Claire, Mich.
Massey-Ferguson Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.

TRACTORS—GARDEN

Ariens Co., Brillion, Wis.
S. L. Allen & Co., Inc., 5th & Glenwood Aves., Philadelphia 40, Pa.
Bolens Products Div., Food Machinery & Chemical Corp., Port Washington, Wis.
Bready Tractor & Implement Co., Solon, Ohio
Engineering Products Co., Waukesha, Wis.
Eshelman Co., 119 Light St., Baltimore, Md.
Garden-All Tractor, Inc., Liberty, Ind.
Gravelly Tractors Inc., Dunbar, W. Va.
Great Lakes Tractor Co., Rock Creek, Ohio
Ottawa Mfg. Co., Ottawa, Kans.
Page Dairy & Farm Equipment Co., 1910 So. 81st St., Milwaukee, Wis.
Pond Garden Tractor Co., Ravenna, Ohio
Power King Tractor Co., 9246 W. Appleton Ave., Milwaukee, Wis.
Quick Mfg., Inc., Springfield, Ohio
Red-E Tractor Co., Richfield, Wis.
Roths Industries, Inc., Alma, Mich.
Simplicity Mfg. Co., Port Washington, Wis.
Tiger Tractor Co., Keyser, W. Va.
Universal Mfg. Co., 324 W. 10th St., Indianapolis, Ind.
Windolph Tractor Co., 828 S. 21st Ave., Portland 5, Ore.

TRACTOR UNDERDRIVE

Tractor Specialties, 1650 S. 1st St., San Jose, Calif.

VEGETABLE THINNERS

Dixie Implement Mfg. Co., Dallas, Texas
Eversman Mfg. Co., Inc., Curtis at 5th, Denver, Colo.
Walter Haertel Co., Minneapolis 8, Minn.
Palsgrove Mfg. Co., Canal Winchester, Ohio
Scott Viner Co., Columbus 8, Ohio
Silver Engineering Works, Inc., 3309 Blake St., Denver 5, Colo.
Winter Weiss Co., Denver 2, Colo.

WEEDERS

Armor Farm Implement Co., Box 785, Vancouver, Wash.
R.G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
Budding InRow Weeder Co., Caledonia, Mich.

TRUCKS & TRANSPORTATION

REFRIGERATION UNIT

Thermo King, 44 S. 12th St., Minneapolis 3, Minn.

TIRES AND TUBES

Firestone Tire & Rubber Co., Akron, Ohio
General Tire & Rubber Co., Englewood Ave., Akron, Ohio
B. F. Goodrich Co., 500 S. Main St., Akron, Ohio
Goodyear Tire & Rubber Co., Inc., 1144 E. Market St., Akron, Ohio
Kelly-Springfield Tire Co., Cumberland, Md.
Mansfield Tire & Rubber Co., Mansfield, Ohio
Pennsylvania Rubber Co., Jeannette, Pa.
Republic Rubber Div., Lee Rubber & Tire Corp., Albert St., Youngstown, Ohio
Seiberling Rubber Co., Akron 9, Ohio
United States Rubber Co., 1230 Ave. of Americas, N. Y. 20, N. Y.

TRUCKS

Chevrolet Motor Div., General Motors Corp., General Motors Bldg., Detroit 2, Mich.
Chrysler Corp., Dodge Truck Div., 21500 Mound Road, Detroit 34, Mich.

Dodge Div. Chrysler Corp., 7900 Joseph Campa Ave., Detroit 11, Mich.
Ford Motor Co., Dearborn, Mich.
GMC Truck & Coach Div., General Motors Corp., Pontiac 11, Mich.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Mack Trucks Inc., 350 5th Ave., N. Y. 1, N. Y.
White Motor Co., 842 E. 79th, Cleveland 1, Ohio
Willis Motors, Inc., 940 N. Cove Blvd., Toledo, Ohio

TRUCK ACCESSORIES

AXLES—Two Speed
Eaton Mfg. Co., 739 E. 140th St., Cleveland, Ohio
BEARINGS
Arguto Oilless Bearing Co., 149 Berkley St., Philadelphia 44, Pa.
Hyatt Bearings Div., General Motors Corp., Harrison, N. J.
New Departure Mfg. Co., Bristol, Conn.
SKF Industries, Inc., Front St. & Erie Ave., Philadelphia 32, Pa.
Timken Roller Bearings Co., Canton, Ohio

AMERICAN VEGETABLE GROWER

., Milwau-
ve., Peoria,
igan Ave.,
go 6, Ill.,
Portland 5,

., Milwau-
s., Peoria,
igan Ave.,

apolis 1,
go 6, Ill.,
Co., Bir-

es., Phila-
Chemical
io

. 81st St.,

on Ave.,

anapolis,
rland 5,

Calif.

Denver,

St., Den-

ncouver,
on Dyke,
ch.

ON

Campau

Corp.,

n Ave.,

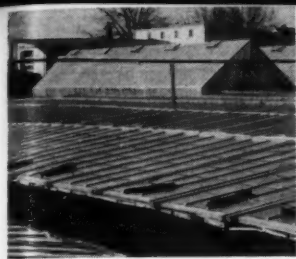
io,
Ohio

io

Phila-
Harri-

iladel-

OWER



GREENHOUSES HOTBEDS COLD FRAMES



BOILERS

Brownell Co., 308 N. Fendlay St., Dayton, Ohio
Kewanee Boiler Co., Kewanee, Ill.
Milwaukee Boiler Mfg. Co., 1101 So. 41st St., Milwaukee, Wis.
Lord & Burnham, Div. of Burnham Corp., Irvington, N. Y.

CHEESECLOTH & PLANT BED COVERS
Chicopee Mills, 47 Worth St., N. Y. 13, N. Y.

GREENHOUSE INSURANCE

Florists Mutual Insurance Co., National Bank Bldg., Edwardsville, Ill.

GREENHOUSES

Aluminum Greenhouses, Inc., 14615 Lorain Ave., Cleveland, Ohio
American-Monier Greenhouse Mfg. Corp., 1820 Flushing Ave., Brooklyn 37, N. Y.
A. Dietrich Co., 2640 Sheffield Ave., Chicago 14, Ill.
Poly Greenhouse Mfg. Co., 7711 Van Buren St., Forest Park, Ill.
Horto Corp., Salem, Massachusetts
Ickes-Braun Greenhouse Mfg. Co., 2340 Wabansia Ave., Chicago 47, Ill.
Albert J. Lauer Co., R. R. 11, St. Paul 17, Minn.
Lord and Burnham, Div. of Burnham Corp., Irvington, N. Y.

**This Year Give Your Seeds
and Cuttings A Real Break
With SCOTTY**



This Scotty greenhouse 15 ft. by 35 ft., cash price, only \$1050.

**The LOW COST Greenhouse
That Goes Up Fast**

Would you say that propagation is the most important stage of plant culture? It's a debatable question. But one thing you can be sure of is that seeds and cuttings propagated in a Scotty greenhouse are getting the best start possible and under conditions of temperature and humidity that you control—not mother nature.

Write For Free Catalog AVG

LORD & BURNHAM
IRVINGTON N. Y. + DES PLAINES ILL.

Metropolitan Greenhouse Mfg. Corp., 1873 Flushing Ave., Brooklyn 37, N. Y.
Modern Greenhouse Mfg. Co., 2511 Jackson St., N.E., Minneapolis, Minn.
National Greenhouse Co., Pana, Ill.; Naugatuck, Conn.
Rough Bros., 4229 Spring Grove Ave., Cincinnati 23, Ohio

HEATERS, UNIT

Burley Burner Co., Inc., Lexington, Ky.
Modine Mfg. Co., Racine, Wis.
Herman Nelson Div., American Air Filter Co., Inc., Moline, Ill.
L. W. White Co., Onalaska, Wisc.

HEATING CABLES

General Electric Co., Apparatus Dept., Schenectady, N. Y.

JULY, 1958

TRANSPARENT FILM

CELLULOSE ACETATE BUTYRATE (KODAPAK II)
Hill Greenhouse Construction Co., Apopka, Fla.
Hill Greenhouse Construction Co., Medina, N. Y.
Lord & Burnham, Div. of Burnham Corp., Irvington, N. Y.

POLYESTER (MYLAR)

E. I. du Pont de Nemours & Co., Wilmington, Del.

POLYETHYLENE

American Associated Cos., Red Bank, N. J.
Bakelite Co., Div. of Union Carbide Corp., 420 Lexington Ave., N. Y., N. Y.
Basic Incorporated, Tiger Brand Div., Hanna Bldg., Cleveland, Ohio
Benson-Maclean, Bridgeton, Ind.
Celanese Corporation of America, Plastics Div., 290 Ferry St., Newark, N. J.
Dac Corporation, Terre Haute, Ind.
Flex-O-Glass, Inc., 1104 N. Cicero Ave., Chicago 51, Ill.
Florist Products, P. O. Box 188, Park Ridge, Ill.
Gering Products, Inc., Kenilworth, N. J.
Lamex, Inc., Norcross, Ga.
Panogen, Inc., Div. of Morton Chemical Co., Ringwood, Ill.
Peter & Co., 3618 Lexington Rd., St. Mathews, Ky.
Pexco Bag Mfg. Co., 32 So. Huron St., Toledo 4 Ohio
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio
Reynolds Metals Co., 2500 S. 3rd, Louisville, Ky.
Rough Brothers, 4229 Spring Grove Ave., Cincinnati 23, Ohio
Visking Co., Div. of Union Carbide Corp., Plastics Div., Terre Haute, Ind.
Yoho & Hooker, Box 1165, Youngstown, Ohio

VINYL (CALVINOL, MARVINOL)

California Spray-Chemical Corp., Richmond, Calif.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.

Please consult Alphabetical Listings
Pages 13 and 14.

SASH

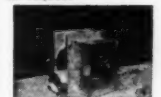
Gaines Hardwood Lumber Co., 18 Branch St., St. Louis 7, Mo.
Hidden Springs Co., Katonah, N. Y.
Ickes-Braun Greenhouse Mfg. Co., 2340 Wabansia Ave., Chicago 47, Ill.
Yoho & Hooker, 523 Williamson St., Youngstown, Ohio

**DEPENDABLE, SAFE, LOW COST
PLASTIC GREENHOUSE HEATERS**



LP or Natural Gas

60,000 or 33,000 BTU input
Rugged construction (aluminumized steel) (no rust)
100% safety pilot-automatic control
Directional heat flow
Blower attachment available
Being used with outstanding results
Free greenhouse plans sent on request



Blower Attachment



WRITE

BURLEY BURNER CO., Inc.
2417 Nicholasville Pike Lexington, Ky.

STANDBY ELECTRIC PLANTS

Kohler Co., Kohler, Wis.
D. W. Onan & Sons, Inc., University Ave., S. E. at 25th, Minneapolis 4, Minn.
United States Motors Corp., Oshkosh, Wis.

STEAM TRAPS

Armstrong Machine Works, 676 Maple St., Three Rivers, Mich.

STERILIZING COVERS

Florist Products, P.O. Box 188, Park Ridge, Ill.
Panogen, Inc., Div. of Morton Chemical Co., Ringwood, Ill.

STOKERS

Canton Stoker Corp., Canton, Ohio

TEMPERATURE CONTROLS

Barber-Colman Co., Rockford, Ill.
General Electric Co., River Road, Schenectady, N. Y.
Minneapolis-Honeywell Regulator Co., 2747 Fourth Ave. S., Minneapolis 8, Minn.
Standard Thermometer, Inc., 958 Dorchester Ave., Boston, Mass.

VENTILATORS

Advance Co., Inc., Richmond, Ind.
The Vanfender System, 28 Pleasant St., Chagrin Falls, Ohio

VERMICULITE

Zonalite Co., 135 S. LaSalle St., Chicago 3, Ill.

**ATTENTION
VEGETABLE GROWERS!
Increased PROFITS
with Rough Brothers
GREENHOUSES**

ALUMINUM OR WOOD
ANY SIZE ANY STYLE

Write for complete Greenhouse
Catalog and Low Prices

Complete stock of Greenhouse
Material and Labor available

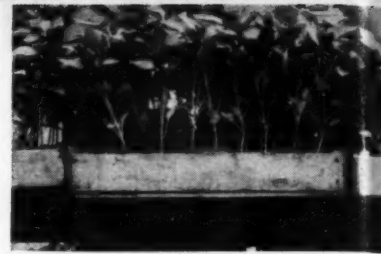
POLYETHYLENE
Black or Natural in stock
WRITE FOR OUR LOW PRICE

ROUGH BROTHERS

GREENHOUSE BUILDERS & MANUFACTURERS
Dept. VG, 4229 Spring Grove Ave.
Ph. Kirby 1-6180 Cincinnati 23, Ohio



SEEDS AND PLANTS



*Exquisite
Seedless Melons*

TRI-X^{*} TRIPLOID HYBRIDS

CONSTANT GENETIC SELECTION
for
SUPREME QUALITY

TRI-X TRIPLOIDS are vigorous true-hybrids,
new melon creations by a chromosome-
change process discovered by our geneticist.



TRI-X HYBRIDS at your Seed Dealer's or write

**AMERICAN SEEDLESS
WATERMELON SEED CORP.**

Goshen, Ind.

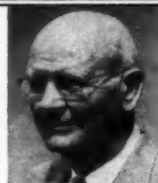
Clarence R.
Brown

**DEAN OF
TOMATO AND
PEPPER SEEDS**

Specialized knowledge based on
over three decades of research in
tomato and pepper seeds has
made the Clarence Brown Co. a
recognized authority in the field.

Clarence Brown Co. tomato and
pepper seeds are bred in the virile
soil of California where a plentiful
water supply and an abundance of
sunshine foster healthy growth.

The partnership of his special-
ized research and nature's benefi-
cial elements have built his world



wide reputation for the finest in
tomato and pepper quality.

Of course, such seeds are highly
valued. Dollar-wise they are more
costly to raise and, naturally, it
follows that they have a higher
selling price than inferior seeds.
But the alert grower who reckons
profits on the reliability of good
seed recognizes that the invest-
ment is low and the returns are
high. They wisely select *specialized*
tomato and pepper seeds bred by
the Clarence Brown Co.

Clarence

Brown
Co.



GENERAL OFFICES: MODESTO, CALIFORNIA
RESEARCH OFFICES: SAN JUAN CAPISTRANO, CALIFORNIA

Available through authorized distributors and their dealers

INOCULANTS

Agricultural Laboratories, Inc., 1147 Chesapeake
Ave., Columbus, Ohio
Nitragin Co., Inc., 3025 W. Custer, Milwaukee 9,
Wis.

SEED CLEANERS

A. T. Farrell Co., Saginaw, Mich.

SEEDS

CERTIFIED POTATO

Canadian Dept. of Trade and Commerce, Ottawa,
Ont., Canada
Clark Seed Farms, Richford, N.Y.
Maine Development Assn., Augusta, Maine
Maine Potato Growers, Presque Isle, Maine
Minnesota State Dept. of Agr. Seed Potato Certifi-
cation, St. Paul, Minn.
Nebraska Certified Potato Growers, Alliance, Nebr.
N. Y. Certified Seed Growers Co-op., Inc., Cornell
Univ., Ithaca, N.Y.
North Dakota State Seed Dept., College Station,
Fargo, N. Dak.
P.E.I. Potato Marketing Board, Charlottetown, P.E.I.,
Canada
South Dakota Potato Growers Assn., Watertown,
S. D.

COATED (Pelleted)

Associated Seed Growers, Inc., 205 Church St., New
Haven 2, Conn.
Filcoat Coated Seeds, 6400 E. Washington Blvd.,
Los Angeles 27, Calif.
Germain's, Inc., 6400 E. Washington Blvd., Los An-
geles 27, Calif.
Keller Seed Store, Shawnee, Okla.
F. Lagomarsino & Sons, Sacramento, Calif.
The J. Chas. McCullough Seed Co., Eggleston Ave.,
Cincinnati 1, Ohio

SEEDLESS WATERMELON

American Seedless Watermelon Corp., Goshen, Ind.
Intercontinental Industries, 555 W. Adams St., Chi-
cago, Ill.



TOMATO SEED SPECIALISTS

"For the BEST IN TOMATO SEED
Contact Burgess First"

Write For Free Catalog

BURGESS
SEED AND PLANT CO.
100-K GALESBURG, MICH.

VEGETABLE AND MELON

Agricultural Alumni Seed Improvement Assn., Inc.,
RR1, Lafayette, Ind.
Associated Seed Growers, Inc., 205 Church St., New
Haven 2, Conn.
Clarence Brown Co., Div. Lawrence Robinson & Sons,
Modesto, Calif.
Burgess Seed & Plant Co., Galesburg, Mich.
W. Atlee Burpee Co., Burpee Bldg., Philadelphia 32,
Pa.
D. V. Burrell Seed Growers Co., Rocky Ford, Colo.
Alt Christianson Seed Co., Mt. Vernon, Wash.
Condon Bros. Seedsmen, Rockford, Ill.

AMERICAN VEGETABLE GROWER

Higher
that's w
Ferry-N
cans! S
protects
complet
dust, ba
Get h
Morse
strains

FER

Detroit, Mi
Memphis, T

JULY, 1958

PROVED!



Seeds of a special Ferry-Morse Tomato strain—Enlarged photo.

Ferry-Morse conditioned seed in cans gives higher yields for grower-shippers

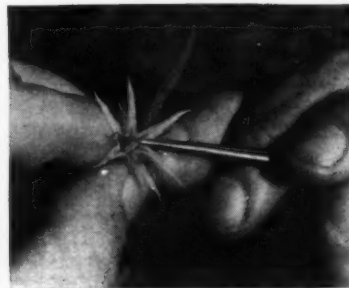
Higher yields of premium crops—that's what grower-shippers get with Ferry-Morse conditioned seed in cans! Scientific seed conditioning protects seed life. Can pack gives complete protection from moisture, dust, bacteria, and vermin.

Get higher yields! Insist on Ferry-Morse selected grower-shipper strains in one-pound cans!



Controlled moisture content!

To give you longer seed life—and more seeds per pound!—Ferry-Morse dries seed scientifically to just the right moisture content. Airtight cans seal in freshness, seal out moisture.



Tailor-made varieties!

Ferry-Morse scientific plant breeding develops grower-shipper strains specially suited to local growing conditions. Your F-M dealer will help you select the best variety for your need.

FERRY MORSE
SEED CO.

Detroit, Mich. • Mountain View and Los Angeles, Calif.
Memphis, Tenn. • Harlingen, Texas • Tampa, Fla.

JULY, 1958

21

TOMATO & WATERMELON SEED

HIGHEST IN QUALITY AND PURITY

TOMATO

KOKOMO
CARO-RED (New)
RUTGERS
P 1361
R X P F-2
STAIR (New)

WATERMELON

PURDUE IMPROVED HAWKESBURY
CHARLESTON GRAY

THE AGRICULTURAL ALUMNI
SEED IMPROVEMENT ASS'N., Inc.
R.R. 1 LAFAYETTE, INDIANA

ROBSON Quality SEED

SENECA CHIEF SWEET CORN

This Summer from Connecticut to California thousands of housewives are asking at Roadside Markets for Seneca Chief Hybrid Corn—"THAT BEST EATING CORN".

Growers tell us, "Seneca Chief makes satisfied customers. They always come back for more."

ROBSON QUALITY SEEDS, INC.

Originators of Seneca Hybrids

Box VG7, Hall, N. Y.

Write today for 1959 catalogue to be mailed in Nov.

SEEDS & PLANTS

Corneli Seed Co.—Keystone seeds sold through Keystone dealer—101 Chouteau Ave., St. Louis 2, Mo.
Crown Vine Seed Growers, Lamar, Okla.
Decatur Seed Shop & Greenhouse, Decatur, Mich.
Dessert Seed Co., Inc., P. O. Box 181, El Centro, Calif.
W. G. Farrier Plant Co., Omaha, Tex.
Ferry-Morse Seed Co., Detroit, Mich., and Mountain View, Calif.
Germans, Inc., 6400 E. Washington Blvd., Los Angeles 22, Calif.
Glecklers Seedsmen, Metamora, Ohio
Gill Bros. Seed Co., N. E. 99th and Halsey, Portland 16, Ore.
"Harris Seeds", Joseph Harris Co., Inc., Rochester 11, N. Y.
Healy's Truck Farm, St. Francisville, Ill.
Herbst Bros. Seedsmen, Inc., 678 Broadway, N. Y. 12, N. Y.
Holmes Seed Co., 1017 Ninth St., S. W., Canton, Ohio
Letherman's, 501 McKinley Ave., N. W., Canton 2, Ohio
J. Chas. McCullough Seed Co., Eggleston Ave., Cincinnati 1, Ohio
Michael-Leonard Co., Box 777, Davenport, Iowa

SPECIAL GREENHOUSE STRAINS

Lettuce—Grand Rapids Resistant H5-4
oz. 35c; 1/4 lb. 90c; 1 lb. \$3.00; 5 lbs. or more \$2.75 per lb.
Lettuce—Bibb (Greenhouse Strain)
oz. 45c; 1/4 lb. \$1.20; 1 lb. \$3.50; 5 lbs. or more \$3.25 per lb.
Lettuce—Burpeena
oz. \$1.00; 1/4 lb. \$3.00; 1 lb. \$9.00
Tomato—Ohio W.R. Globe 3
1/2 oz. \$1.50; oz. \$2.75; 1/4 lb. \$10.50; 1 lb. \$40.00

Holmes Seed Company
1017 Ninth St. S.W.
CANTON, OHIO

Could we send you our 1958 catalog in November?

ATTENTION SPINACH GROWERS

AVAILABLE 15 AUGUST 1958

DIXIE MARKET

Ask Your Local Seedmen
for American Grown
Spinach Seed Bred for
Your Conditions by
"The Father of Hybrid
Spinach"
Dr. Henry A. Jones



Dixie Market Spinach--Blue Mold Resistant

A PICTURE OF DIXIE MARKET SPINACH IN THE LOWER RIO GRANDE VALLEY. THIS SPINACH RETURNED LARGE PROFITS WHEN STANDARD VARIETIES WENT OUT WITH BLUE MOLD. THIS IS FALL HARVESTED.

DESSERT SEED COMPANY, INC.

P. O. BOX 181, EL CENTRO, CALIFORNIA

Contract Your Needs Now.
August 15 Delivery.
We Feature All
Open-Pollinated Lines
and All Hybrids. Ask Your
Local Seedmen for
Sunblest Seed

Midwest Seed
Mo.
Northrup, King
neapolis 13, Minn.
Lawrence Robin
Robson Quality
Simpson Nurseries
Standard Seed
Mo.
Francis C. Stok
Otis S. Twilley,
United States
Louis, Mo.
Vaughan's Seed
6, Ill.
Veo Acre Farm
Willhite Melon
T. W. Wood &
F. W. Woodruff
ers, Inc., Minn.

VEGETABLES

Adams County
K. W. Alger, C
Butt's Plant Farm
The Conner Co.
J. P. Council
Crescent Farms
Decatur Seed S
W. G. Farrier
Fieldhouse Fruit
C. G. Foulks Pl
French Nursery
P. D. Fulwood,
W. Grossmann
Irrigated Plant
Keller Seed S
Peter W. Klipp
F. L. Legg, Ash
The J. Chas. M
Cincinnati 1,
Walter Parks, L
Geo. R. Pedrick
Piedmont Plant
Paul F. Rochell
Schmidt Bros.
Schroer Plant F
Fred H. Schutt
Service Plant C
Francis C. Stok
Texas Plant Far
Erland D. Trou
Van Antwerp S
Vaughan's Seed
6, Ill.
Vickers Plant F
Archie Woodard
Job P. Wyatt &

Va
Higher Y
Greater
VA
GIAN

For the first
days) and
are combin
Extra large
5 to 6 tom
VAUGHN

601 W. Jac
Chicago 6,

HAR

Have you

MOR

Early, long

New for

HA

SW

High yield

JOSEP

78 Moreto

May we

Midwest Seed Growers, 505 Walnut, Kansas City, Mo.
 Northrup, King & Co., 1500 Jackson St., N. E., Minneapolis 13, Minn.
 Lawrence Robinson & Sons, Modesto, Calif.
 Robson Quality Seed, Inc., Hall, N. Y.
 Simpson Nursery Co., Box 178, Monticello, Fla.
 Standard Seed Co., 931 W. 8th St., Kansas City 1, Mo.
 Francis C. Stokes Co., Vincetown, N. J.
 Otis S. Twilley, Salisbury, Md.
 United States Seed Co., Inc., 417 N. 3rd St., St. Louis, Mo.
 Vaughan's Seed Co., 601 W. Jackson Blvd., Chicago 6, Ill.
 Ved Acre Farms, Cape Cod, Forestdale, Mass.
 Willhite Melon Seed Farms, Weatherford, Texas
 T. W. Wood & Sons, Richmond 19, Va.
 F. W. Woodruff & Sons Div., Associated Seed Growers, Inc., Milford, Conn.

VEGETABLE PLANT GROWERS

Adams County Nursery & Fruit Farms, Aspers, Pa.
 K. W. Alger, Crystal City, Tex.
 Butt's Plant Farms, Thorndale, Tex.
 The Conner Co., Augusta, Ark.
 J. P. Council Co., Franklin, Va.
 Crescent Farms, Moultrie, Ga.
 Decatur Seed Shop & Greenhouse, Decatur, Mich.
 W. G. Farrier Plant Co., Omaha, Tex.
 Fieldhouse Fruit Farm, Dodgeville, Wisc.
 C. G. Foulks Plant Farms, Amite, La.
 French Nursery Co., Clyde, Ohio
 P. D. Fulwood, Tifton, Ga.
 W. Grossmann & Son, Petersburg, Va.
 Irrigated Plant Farms, Thorndale, Tex.
 Keller Seed Store, Shawnee, Okla.
 Peter W. Klippert, Rt. 2, Box 511, Des Plaines, Ill.
 F. Lagomarsino & Sons, Sacramento, Calif.
 L. P. Legg, Ashburn, Ga.
 The J. Chas. McCullough Seed Co., Eggleston Ave., Cincinnati 1, Ohio
 Walter Parks, Darien, Ga.
 Geo. R. Pedrick & Sons, Pedricktown, N. J.
 Piedmont Plant Co., Albany, Ga.
 Paul F. Rochelle, Morristown, N. J.
 Schmidt Bros. Greenhouse, Rt. 3, Swanton, Ohio
 Schroer Plant Farms, Valdosta, Ga.
 Fred H. Schutter, Pleasant Valley, Iowa
 Service Plant Co., Omega, Ga.
 Francis C. Stokes Co., Vincetown, N. J.
 Texas Plant Farms, Jacksonville, Texas
 Erland D. Troup, Jordan Station, Ontario, Canada
 Van Antwerp Seed Co., Mobile, Ala.
 Vaughan's Seed Co., 601 W. Jackson Blvd., Chicago 6, Ill.
 Vickers Plant Farms, Hattiesburg, Miss.
 Arlie Woodard, Dongola, Ill.
 Job P. Wyatt & Sons Co., Raleigh, N. C.

Vaughan's Seeds

**Higher Yields—More Uniformity
 Greater Vigor—Better Growth
 VAUGHAN'S EARLY
 GIANT HYBRID TOMATO**

For the first time both early maturity (68 days) and giant size (4 1/2 inch diameter) are combined in a true F1 Hybrid Tomato. Extra large smooth red fruits. Very prolific 5 to 6 tomatoes to a cluster.

VAUGHAN'S SEED COMPANY

Dept. V
 601 W. Jackson Blvd. 85 White Street
 Chicago 6, Ill. New York 13, N.Y.

HARRIS SEEDS

**HAVE YOU GROWN OUR FAMOUS TOMATO
 MORETON HYBRID?**

Early, long bearing season—A top yielder of excellent fruit.

New for 1959:

**HARRIS GOLD CUP
 SWEET CORN**

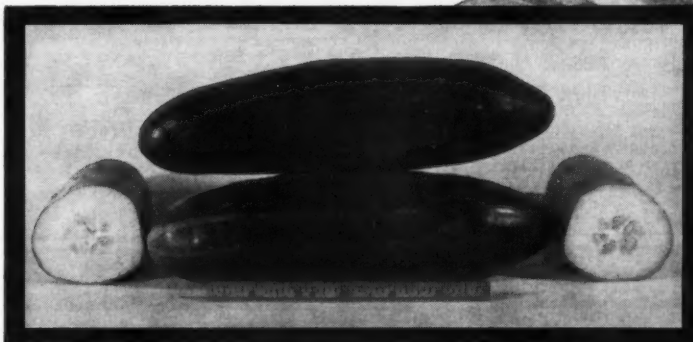
High yield. Small Kernels. Fine Quality.

**JOSEPH HARRIS CO., INC.
 78 Moreton Farm Rochester 11, N.Y.**

May we send you our 1959 catalog in November?

Robinson specialized vine seeds

Better...



ASHLEY, one of the most widely used slicing cucumbers on the market today, is a vigorous producer. And its choice seed is bred, of course, by Robinson

because we

Specialize!

Reflecting a near century of intense specialization by the Robinson family, our cantaloupe, watermelon, cucumber, squash and pumpkin seeds meet the specific requirements of your area. Look to Robinson specialized vine seeds for your most profitable crops.

Ask your dealer about Robinson specialized vine seeds.



FREE!

Sample package of Robinson specialized vine seed and subscription to Robinson monthly newsletter! Prove to yourself that our quality vine seeds are better because we specialize. Mail this coupon today.

Name _____

Address _____

City _____ State _____



PLANTING EQUIPMENT



CORN PLANTERS

Allis-Chalmers Mfg. Co., Tractor Div., 1126 So. 70th St., Milwaukee, Wis.
John Blue Co., Inc., Huntsville, Alabama
J. I. Case Co., 700 State St., Racine, Wis.
Ferguson Mfg. Co., Inc., Suffolk, Va.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Massey-Ferguson, Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison, Chicago 6, Ill.

CORN PLANTERS—HAND

Acme Mfg. Co., Traverse City, Mich.
American Planter Co., Burr Oak, Mich.
John Deere, Moline, Ill.

DRILLS AND PLANTERS

S. L. Allen & Co., Inc., 5th & Glenwood, Philadelphia 40, Pa.
Allis-Chalmers Mfg. Co., Tractor Div., 1126 So. 70th St., Milwaukee 1, Wis.
Campbell-Hausfeld Co., Harrison, Ohio
J. I. Case Co., 700 State St., Racine, Wis.
John Deere, Moline, Ill.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Massey-Ferguson, Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
John Powell Seeder, 920 S. Armstrong St., Kokomo, Ind.
Roths Industries, Inc., Alma, Mich.
Southern Plow Co., Columbus, Ga.
Venturi Mfg. Co., Oxnard, Calif.

FERTILIZER ATTACHMENTS

S. L. Allen & Co., Inc., 5th & Glenwood, Philadelphia 40, Pa.
Ezee Flow Div., Avco Distributing Corp., 3428 N. Harlem St., Chicago, Ill.
Farmcraft Mfg. Co., Inc., Sheridan Rd., RFD 12, Fort Wayne, Ind.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Mechanical Transplanter Co., Holland, Mich.
Minneapolis-Moline Co., P.O. Box 1050, Minneapolis, Minn.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Tractor and Implement Div., Ford Motor Co., Birmingham, Mich.

FERTILIZER INJECTORS (ANHYDROUS AMMONIA)

John Blue Co., Inc., Huntsville, Ala.
Clark Mfg. Co., Aitherton, Mo.
Dempster Mill Mfg. Co., Beatrice, Nebr.
Gocher Engineering & Mfg. Co., Clarksdale, Miss.
KBH Corp., Clarksville, Miss.
Marvin Landplane Co., P. O. Box 209, Woodland, Calif.

MULCH

BLACK PLASTIC
American Associated Cos., Red Bank, N. J.
Benson-Maclean, Bridgeton, Ind.
Chester Packaging Div., St. Regis Paper Co., 150 E. 42nd St., N. Y., N. Y.
Cincinnati Cordage & Paper Co., E. Wayne & Scott St., Lima, Ohio
Dao Corporation, Terre Haute, Ind.
Gering Products Inc., Kenilworth, N. J.
Peter & Co., 3618 Lexington Rd., St. Matthews, Ky.
Rough Brothers, 4229 Spring Grove Ave., Cincinnati 23, Ohio
Sound Screen Supplies, Inc., 752 Broadway, N. Y. 3, N. Y.

TRANSPARENT FILM—See GREENHOUSES, HOT BEDS, COLD FRAMES

ONION SET PLANTERS

Coleman Bros. Mfg. Co., New Albany, Ind.
S & H Set Onion Planter Co., Pleasant Valley, Iowa

ONION SET TOPPERS

Bolens Products Div., Food Mch. & Chemical Corp., Port Washington, Wis.
Top-All Machine Works, South Beloit, Ill.

POTATO CUTTERS

Diltz & Wetzel Co., Ithaca, Mich.
Heberlein Mfg. Co., Ault, Colo.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Singer Mfg. Co., Inc., Smithville, Ohio
Albert E. Trexler, Trexler, Pa., P. O. Lenhartsville, Pa.
Burrows Equipment Co., 1316 Sherman Ave., Evanston, Ill.
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio

POTATO PLANTERS (ONE AND TWO-ROW)

John Deere, Moline, Ill.
International Harvester Co., 180 N. Michigan Ave., Chicago 1, Ill.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.

POTATO SEED TREATERS

Troyer Mfg. Co., Smithville, Ohio

For Bigger Crops, Less Work USE PLASTIC FILM MULCH

Black film, made from Bakelite brand polyethylene, keeps ground moist... warm for hours after sun-down. Stops weeds. Stops rot—fallen leaves, fruit never touch the ground. Increased yield reported—up to 50 per cent. Light weight—easy to handle. Any length up to 1200 yds., 36 ins. wide. Re-usable—repays cost many times. Get free bulletin by writing Dept. BB

SOUND SCREEN SUPPLIES, INC.
752 Broadway New York 3, N.Y.

AMERICAN VEGETABLE GROWER

ORDER NOW FOR MULCHING. .0015 gauge BLACK POLYETHYLENE

36" and 48" wide 500 ft., 1,000 ft., 3,000 linear ft. rolls

Leading authorities have demonstrated that BLACK MULCH gives much higher yield of cleaner, better crops . . . cuts weeding labor in excess of 95%.

QUANTITY
Less than 10 M sq. ft.

\$5.15

per M sq. ft.

QUANTITY
Less than 50 M sq. ft.

\$4.82

per M sq. ft.

QUANTITY
Over 50 M sq. ft.

\$4.65

per M sq. ft.

36" Black Polyethylene available with perforations to facilitate irrigation, 50¢ per M sq. ft. extra.

CLEAR Amisco Polyethylene in widest range of widths and lengths. Send for price list.
Service charge of \$2.00 on orders under 2,000 sq. ft. of Black Polyethylene for Mulching.
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

AMERICAN ASSOCIATED COMPANIES

X. S. SMITH, Executive in Charge of Florist Cloth Division
P. O. BOX 272 RED BANK, N. J., U.S.A.
PHONE—Capital 2-4600

THERE IS A DIFFERENCE IN TRANSPLANTERS AND YOU CAN SEE THE DIFFERENCE IN THE HOLLAND

Only the Holland Automatically plants, spaces and waters your crop with the patented all-rubber plant holder. Only the Holland has the NEW "Start-rite" water valve. It will PAY you to see the 1958 Holland Before you buy. Why take 2nd best when you can get the original Holland. Plant with it this Spring. Its performance will amaze you. Leaders by over 30 years of experience in building only transplanters. Send for new 1958 12-page catalog of tractor mounted, drawn, self propelled and horse drawn models for vegetables and tobacco.



Since 1927

HOLLAND TRANSPLANTER COMPANY
341 East 7th St. at Fairbanks HOLLAND, MICHIGAN

BIRD

Allcock Mfg. Co.
Dazian's, Inc.,
J. E. Fricke Co.
Pa.
B. M. Lawrence
Cisco, Calif.
N. J. Fireworks
R. B. Rutherford
Isla 23, N. Y.
Salt Lake Stamp
City 1, Utah
Toledo Firework
Ohio

ZON

Positive protection. Uses castor oil or acetylene. pilot. Retailers (Dealerships)

B. M. LAWRENCE
244 California St.

DEER

Harry N. Leck
Neochem Prod.
Panogen, Inc.
wood, Ill.
State College
Inge, Pa.
Tre-Tex Co., St.
Wildlife Assoc.

RODENT

California Spr.
Haddonfield
Clarton Develop.
B. F. Goodrich
and 15, Ohio
Harry N. Leck
Panogen, Inc.
wood, Ill.
Rose Mfg. Co.
Ringwood Chem.
Shaffer Chem.
N. Y. 636
Rollin H. Tabo
Tanglefoot Co.
Rapids, Mich.
Thompson Chem.
Louis 3, Mo.
Calif.
Tre-Tex Co., S.

CUT

4

WITH T SEEDING

PL

T

prac

effie

tractor

S. L. A

REPELLENTS

BIRD

Allcock Mfg. Co., Ossining, N. Y.
Dazian's, Inc., 125 N. Wabash Ave., Chicago 2, Ill.
J. E. Fricke Co., 40 N. Front St., Philadelphia 6, Pa.
B. M. Lawrence Co., 244 California St., San Francisco, Calif.
N. J. Fireworks Co., Vineland, N. J.
R. B. Rutherford, Box 2371 Hiler Branch P. O., Buffalo 23, N. Y.
Salt Lake Stamp Co., 51 W. 3rd St. So., Salt Lake City 1, Utah
Toledo Fireworks Co., 5071 Winona St., Toledo 13, Ohio

ZON SCARECROW

Positive protection. Uses carbide or acetylene. No pilot. Retail \$59.50. (Dealerships available)

B. M. LAWRENCE & CO.
244 California St., San Francisco



DEER

Harry N. Leckenby, Duval, Wash.
Neoschem Products Co., Inc., Neosho, Mo.
Panogen, Inc., Div. Morton Chemical Co., Ringwood, Ill.
State College Laboratories, Inc., Box 49, State College, Pa.
Tre-Tex Co., Shelbyville, Ind.
Wildlife Associates, Inc., Box 534, Hopkinton, N. H.

RODENT

California Spray-Chemical Corp., Richmond, Calif., Haddonfield, N. J.
Clarion Development Co., Clarion, Pa.
B. F. Goodrich Chemical Co., 2060 E. 9th St., Cleveland 15, Ohio
Harry N. Leckenby, Duval, Wash.
Panogen, Inc., Div. of Morton Chemical Co., Ringwood, Ill.
Rose Mfg. Co., Beacon, N. Y.
Ringwood Chemical Co., Ringwood, Ill.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y., 636 California St., San Francisco, Calif.
Rollin H. Tabor, Mt. Vernon, Ohio
Tanglefoot Co., 314 Straight Ave., N. W., Grand Rapids, Mich.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo., 3600 Monon St., Los Angeles 27, Calif.
Tre-Tex Co., Shelbyville, Ind.

RODENTICIDES

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Benson-MacLean, Bridgeton, Ind.
California Spray-Chemical Corp., Richmond, Calif., Haddonfield, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
K-R-O Co., Springfield, Ohio
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
S. B. Penick & Co., 50 Church St., New York 8, N. Y.
John Powell & Co., Inc., One Park Ave., N. Y. 16, N. Y.
Prentiss Drug & Chemical Co., 110 William St., N. Y. 38, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y., 636 California St., San Francisco, Calif.

SOIL SHREDDERS

W-W Grinder Corp., Wichita 4, Kans.

CAW-CAW

Firecracker FUSE ROPE

Keeps crop-destroyers on the run. Low cost! Write for samples and details.

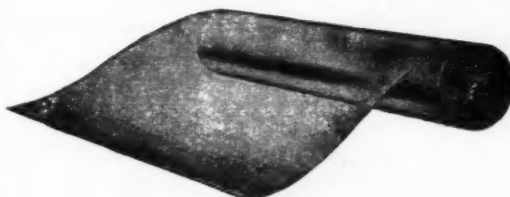
Quality RUBBER BANDS TWINES and TWIST-EMS

J. E. Fricke CO.

40 N. Front St., Phila. 6, Pa. • MILLS: Hulmeville, Pa.

POLYETHYLENE FILM

Transparent



BLACK MULCHING GRADE

.0015" Mil. 3 ft. Wide by 500 ft. Long
\$12.00 a Roll
6 to 9 Rolls Deduct 20%
10 Rolls or More Deduct 25%

YOH & HOOKER

BOX 1165 • YOUNGSTOWN, OHIO

Sizes and Prices

Our Polyethylene film is .004 mil. thick and this is medium weight, and cost considered, is the most satisfactory.

3 ft. wide by 100 ft. long \$6.00 a roll
4 ft. wide by 100 ft. long \$6.00 a roll
6 ft. wide by 100 ft. long \$12.00 a roll
8 ft. wide by 100 ft. long \$16.00 a roll
10½ ft. wide by 100 ft. long \$21.00 a roll
20 ft. wide by 100 ft. long \$40.00 a roll
6 Rolls to 9 Rolls Deduct 20%
10 Rolls or More Deduct 25%

Big Sample Bargain

Big useable sample piece 10 ft. long by 3 ft. wide. Send \$1.00 cash, check or stamps for this big sample by mail, postpaid

CUT COSTS 4 WAYS

WITH THESE "PACKAGED" SEEDING ATTACHMENTS BY

Planet Jr.

They work with practically all large, efficient high-speed tractors—do a wide variety of jobs!

1. They assure uniform row planting and absolute depth.
2. Because they're basically similar, seeding plates, tubes and feed wheels are interchangeable, thus permitting a wide variety of jobs.

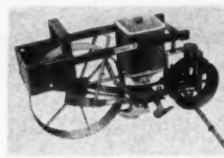
3. Backed by the Planet Jr. 80-year-reputation for quality—they deliver long and carefree service.
4. Planet Jr. "know how" insures maximum results . . . holds costly re-seeding to an absolute minimum.



8197X Vegetable Hopper Unit—plants a wide variety of vegetable seeds . . . including apple, bean, beet, cabbage, corn (in drills), dill, endive, field peas, garlic, kale, leek, lettuce, okra, radish, rice, sage, turnip and many others. Special plate and brush feed wheel available for fine grass seed sowing.



7135X Seeder Unit—used extensively in commercial growing. Takes any size vegetable seed from smallest up to bush limas. Sows through holes in plate, evenly and accurately, planting 1 or 16 rows.



9192X Seeder Unit—same seeding principle as 7135X Unit, with the added advantages of drawbar arch, lifting bales, compression springs and spring loaded scraper; also spacing bar for seeder spacing of 9 to 15 in one inch intervals.

Planet Jr. has a complete line of seeders—from the BIG SIX SEEDER to the small hand unit! There's a seeder for every purpose, and all feature low cost, low maintenance!

Finest in the Field



S. L. ALLEN & CO., Inc.

3419 N. 5th St.
Philadelphia 40, Pa.

Write For Details Today!

S. L. ALLEN & CO., INC.
3419 N. 5th St., Philadelphia 40, Pa.

Gentlemen:
Please send me complete details on Planet Jr. "Packaged" Seeding Attachments.

Name _____

Address _____

City _____ Zone _____ State _____

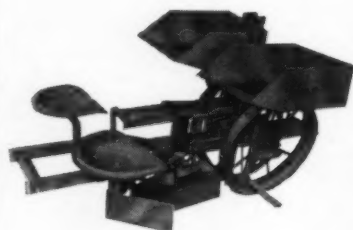
Powell "42" TRANSPLANTER



EXCLUSIVE IN ITS CLASS WITH THESE ADVANCED FEATURES



With the Powell "42", operators merely place plants on a wide, pick-up tray. Plant hands gently remove tender plants, place them firmly in the soil. Even inexperienced operators can work with high efficiency with the Powell "42".



ASSURING FAST PRECISION TRANSPLANTING

The Powell "42" assures you fast precision transplanting of tomatoes, cabbage, pepper, strawberries, tobacco, broccoli and many, many other plants.

AVAILABLE IN SINGLE OR MULTIPLE ROW UNITS FOR ALL TRACTORS

Write for free complete literature and the name of your nearest Dealer

Powell MFG. CO., Inc.
PHONE 7-1128 • P. O. DRAWER 5 • WILSON, N. C.

TRANSPLANTERS (CABBAGE, CELERY & TOMATO)

John Deere, Moline, Ill.
D. R. Ellis Mfg. Co., Verona, Wis.
N. G. Hershey, Manheim, Pa.
Holland Transplanter Co., Holland, Michigan
Mechanical Transplanter Co., 1150 S. Central Ave., Holland, Mich.
New Idea Farm Equipment Co., Coldwater, Ohio
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
Powell Mfg. Co., Inc., Wilson, N. C.

TRANSPLANTERS—HAND

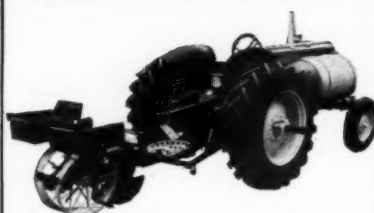
Lynchburg Planter Mfg. Co., Lynchburg, Va.

TRANSPLANT CONTAINERS

Allen Co., Pittstown, N. J.
Geo. J. Ball, Inc., W. Chicago, Ill.
Benson-Maclean, Bridgeton, Ind.
Bird & Son Inc., East Walpole, Mass.
Dao Corporation, Terre Haute, Ind.
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio
Reynolds Co., Lebanon, Ind.
Vaughan's Seed Co., 601 W. Jackson Blvd., Chicago 6, Ill.

ELLIS AUTOMATIC TRANSPLANTERS

For All Transplantable Crops



● TRACTOR MOUNTED SINGLE ROW

Clamp hitches for mounting two or more units on tractor tool bar

● PULL TYPE AUTOMATIC

With hydraulic lift. Single row, two row, four row fertilizer attachments

● CONVENTIONAL TYPE

Single and two row pull type tractor mounted

For additional information, write:

D. R. ELLIS MFG. COMPANY

Builders of the most complete line of quality transplanters

VERONA

WISCONSIN

102 Railroad Street

ONLY THE GENUINE MECHANICAL TRANSPLANTER

*IRRIGATES TRANSPLANTS — ON THE SPOT! —

With Exclusive Automatic Flo-Check Water Valve with "Magic Air Control"

• SETS MORE PLANTS PER HOUR

• SETS THEM 100% PERFECT TOBACCO, SWEET POTATOES, LETTUCE, STRAWBERRIES, ETC.



Write For Latest Information on Transplanting, also Price List

Dealer Inquiries Invited

MECHANICAL TRANSPLANTER CO.
CENTRAL AT U.S. 31 HOLLAND, MICH.

TRELLIS STAKE PRESSES, STRINGERS, WIRE SPOOLERS & WINDERS, VINE STRIPPERS, STAKE PULLERS, WIRE SPICERS

Rear's Farm Service, 755 River Ave., Eugene, Ore.

WILT-PROOF COMPOUNDS

Nursery Specialty Products, Inc., Croton Falls, N. Y.
Panogen, Inc., Div. of Morton Chemical Co., Ringwood, Ill.

MODERN GROWING VAL PEAT POTS

They are sturdy yet porous enough to provide aeration and penetration of plant roots promoting faster and heavier growth. Eliminates transplant shock, growth check, and pot removal. Earlier and larger crops.

Square sizes

1 1/4" - 3"

Round sizes

2 1/4" - 3" - 4"



For Peppers, Melons, Tomatoes and other crops. Send for price circular and samples.

VAUGHAN'S SEED CO.

Dept. 5

601 W. Jackson Blvd., Chicago 6, Ill.
85 White Street, New York 13, N.Y.

What are

Jiffy-Pots?

They're tough, thin-walled peat-moss pots with natural pores that let the roots right through.

Plant food in the walls gives the right boost to early growth. You plant pot and all in the bed or field—absolutely no transplant shock, and no waste labor in knocking out and storing pots.

This means earlier fruiting, bigger crops, greater profits.

Try 2 1/4" or 3" Jiffy-Pots for Tomatoes, Peppers, Melons, Cabbage and other crops. They pay!

Send for detailed circulars and samples.

Also Distributors of Wood Plant Bands and Bird Vita-Bands. Write for prices.

Geo. J. Ball, Inc.

West Chicago, Ill.
Dept. V-4



FEATURES

- POSITIVE ACTION NEOPRENE GRIPPERS
- QUICK-CHANGE SPACING
- BRONZE OILITE MAIN BEARINGS
- ADJUSTABLE PLANT TRAYS
- TRACTOR MOUNTED OR DRAWN MODELS

AMERICAN VEGETABLE GROWER

W. R. Ames Co.
Atlas Supply
Box 2481, Tul
John Bean Div.
Lansing, Mich
Champion Cor
Chicago Metal
cago 32, Ill.
Dragon Engine
Calif.
Evans Orchard
City, Mo.
Farmland Irrig
Blvd., Portlan
Hardie Mfg. Co
Irrigation Equip
McDowell Mfg
Pa.
Michigan Orch
Moulton Irriga
Pierce Irrigati
Eugene, Ore.
Race & Race, I
Rainway Irrig
Wash.
Shur-Rane, De
Machinery &
Wade' Rain, I

DITCHER

Allis-Chalmers
I. Wis.
Arps Corporat
Caterpillar Tra
Ill.
Chaffin Ditch
Danuser Machi
John Deere, M
Eversman Mfg
Gledhill Road
International
Chicago 1,
Marvin Landp
Owensboro Di
Towner Mfg. C

Allis-Chalmers
I. Wis.
Briggs & Strat
I. Wis.
J. I. Case Co.
Caterpillar Tr
Ill.
Chrysler Corp
Detroit Mich
Clinton Machi
Continental M
Cushman Mot
Nebr.
John Deere, M
Fairbanks, Mo
cago 5, Ill.
Ford Motor Co
Friend Mfg. Co
GM, Detroit I
Hardie Mfg.
Hercules Mo
Ohio
International
Chicago 1,
Kohler Co., K
Lauson Div.,
Motor Produ
Grafton, W
The F. E. Mye
Niagara Che
cal Corp.,
Oliver Corp.,
D. W. Onan
25th, Minne
United States
Waukesha M
Wisconsin M
Wis.

Dragon Engi
Calif.
General Me
boro, N. C.
Marvin Land
Calif.
Michigan O

JULY, 195

RS, WIRE
TRIPPERS,
ERS
e, Ore.
S
ells, N. Y.
Co., Ring.

NG
S



es and
ircular

CO.

III.
Y.



ocking

crops.

atoes.
crops.

les.

ds and

go, III.

-4

ER

PPERS

ODELS

OWER



IRRIGATION AND DRAINAGE



COUPLINGS, PIPE

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
Atlas Supply Div., Jones & Laughlin Supply Co.,
Box 2481, Tulsa, Okla.
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich., and San Jose, Calif.
Champion Corp., Hammond, Ind.
Chicago Metal Mfg. Co., 37th & So. Rockwell, Chi-
cago 32, Ill.
Dragon Engineering Co., 627 McClary, Oakland,
Calif.
Evans Orchard Supply Co., 305 Delaware, Kansas
City, Mo.
Farmland Irrigation Co., Inc., 200 N. Columbia
Blvd., Portland 17, Ore.
Hardie Mfg. Co., Wilkes-Barre, Pa.
Irrigation Equip. Co., Inc., Eugene, Ore.
McDowell Mfg. Co., 301 Stanton Ave., Pittsburgh 9,
Pa.
Michigan Orchard Supply Co., South Haven, Mich.
Moulton Irrigation Co., Withrow, Minn.
Pierce Irrigation, 245 Blair Blvd., P.O. Box 528,
Eugene, Ore.
Race & Race, Inc., Winter Haven, Fla.
Rainway Irrigation Co., 2402 E. Trent, Spokane,
Wash.
Shur-Rane, Dept. of John Bean Western Div., Food
Machinery & Chemical Corp., San Jose, Calif.
Wade's Rain, 1919 N. W. Thurman, Portland 9, Ore.

DITCHERS, FURROWERS, SCRAPERS, LEVELERS

Allis-Chalmers Mfg. Co., 1126 S. 70th St., Milwaukee
1, Wis.
Arpa Corporation, New Holstein, Wis.
Caterpillar Tractor Co., 1949 Cleveland Ave., Peoria,
Ill.
Chaffin Ditcher Co., Boise, Idaho
Danuser Machine Co., Fulton, Mo.
John Deere, Moline, Ill.
Eversman Mfg. Co., 1145 5th Ave., Denver, Colo.
Gledhill Road Mch. Co., Galion, Ohio
International Harvester Co., 180 N. Michigan Ave.,
Chicago 1, Ill.
Marvin Landplane Co., Box 209, Woodland, Calif.
Owensboro Ditcher & Grader Co., Owensboro, Ky.
Towner Mfg. Co., Santa Ana, Calif.

ENGINES

Allis-Chalmers Mfg. Co., 1126 S. 70th St., Milwaukee
1, Wis.
Briggs & Stratton Corp., 2711 N. 13th St., Milwaukee
1, Wis.
J. I. Case Co., 700 State St., Racine, Wis.
Caterpillar Tractor Co., 1949 Cleveland Ave., Peoria,
Ill.
Chrysler Corp., Indus. Eng. Div., 12200 E. Jefferson,
Detroit, Mich.
Clinton Machine Co., Maquoketa, Iowa
Continental Motors Corp., Muskegon, Mich.
Cushman Motor Works, 900 N. 21st St., Lincoln 1,
Nebr.
John Deere, Moline, Ill.
Fairbanks, Morse & Co., 600 S. Michigan Ave., Chi-
cago 5, Ill.
Ford Motor Co., Dearborn, Mich.
Friend Mfg. Co., Gasport, N. Y.
GM, Detroit Diesel Div., Detroit, Mich.
Hardie Mfg. Co., Wilkes-Barre, Pa.
Hercules Motors Corp., 200 11th St. S.E., Canton,
Ohio
International Harvester Co., 180 N. Michigan Ave.,
Chicago 1, Ill.
Kohler Co., Kohler, Wis.
Louson Div., Tecumseh Products, New Holstein, Wis.
Motor Products Co., Div. of Tecumseh Products,
Grafton, Wis.
The F. E. Myers & Bro. Co., Ashland, Ohio
Niagara Chemical Div., Food Machinery & Chemi-
cal Corp., Middleport, N.Y.
Oliver Corp., 400 W. Madison St., Chicago 6, Ill.
D. W. Onan & Sons, Inc., University Ave. S.E. at
25th, Minneapolis, Minn.
United States Motors Corp., Oshkosh, Wis.
Waukesha Motor Co., Waukesha, Wis.
Wisconsin Motor Corp., 1910 S. 53rd, Milwaukee 6,
Wis.

FERTILIZER INJECTORS

Dragon Engineering Co., 627 McClary, Oakland 2,
Calif.
General Metals, Inc., 858 Goldsboro St., Greens-
boro, N. C.
Marvin Landplane Co., P.O. Box 209, Woodland,
Calif.
Michigan Orchard Supply Co., South Haven, Mich.

HOSE, IRRIGATION

Agricultural Rubber Products Corp., 103 Warren St.,
New York, N. Y.
John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich., and San Jose, Calif.
The Gates Rubber Co., Sales Div., 999 S. Broadway,
Denver 17, Colo.
Lincoln Tent & Awning, Lincoln, Nebr.
Wade's Rain, 1919 N.W. Thurman, Portland 9, Ore.

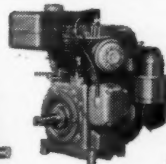
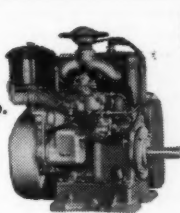
HOSE, METAL

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
Champion Corp., Hammond, Ind.
Chicago Metal Mfg. Co., 37th & Rockwell, Chicago
32, Ill.

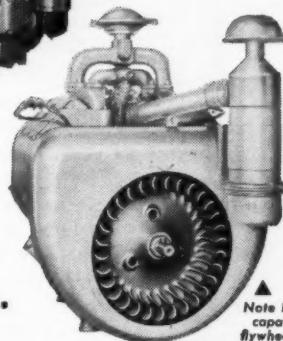
HOSE, REEL

Oldfield Equipment Co., 430 W. Seymour Ave., Cin-
cinnati 16, Ohio

2-cylinder
models
10 to 18 hp.



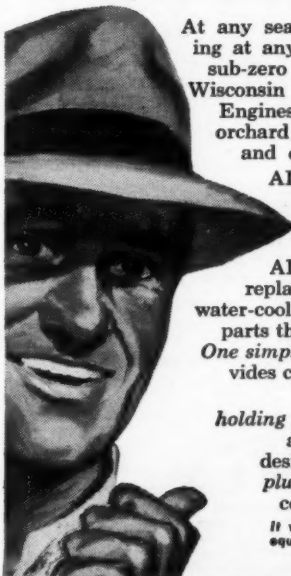
4-cycle
single cylinder
3 to 12 1/2 hp.



Note large
capacity
flywheel fan

The Weather is never
TOO HOT nor
TOO COLD for...

WISCONSIN Heavy-Duty Air-Cooled ENGINES



At any season of the year, work-
ing at any temperature from low
sub-zero to 140° Fahrenheit...

Wisconsin Heavy-Duty AIR-COOLED

Engines will keep your farm and
orchard equipment going efficiently
and economically, with the least amount of attention.

AIR-COOLING, as supplied on all Wisconsin En-
gines (3 to 56 hp.), automatically takes care of all
your cooling problems. Nothing to freeze in cold
weather; no radiator dry-ups in hot weather.

AIR-COOLING prevents costly engine failures and
replacements such as occur when the cooling system of a
water-cooled engine is neglected. Eliminates up to 26 separate
parts that are generally required for a water-cooled engine.
One simple casting, which is a part of the flywheel itself, pro-
vides continuous correct cooling on all Wisconsin Engines.

In addition, you get the benefits of basic *load-
holding High Torque*, heavy-duty construction in all details
and the advantages of *exclusive specialization* in the
design and manufacture of **AIR-COOLED** Engines...
plus convenient servicing when required, through Wis-
consin Authorized Distributors and Service Stations.

*It will pay you to specify Wisconsin Air-Cooled Engine Power for your
equipment! Write for free copy of Wisconsin Engine Bulletin S-223.*

V-type 4-cylinder
models, 15 to 56 hp.

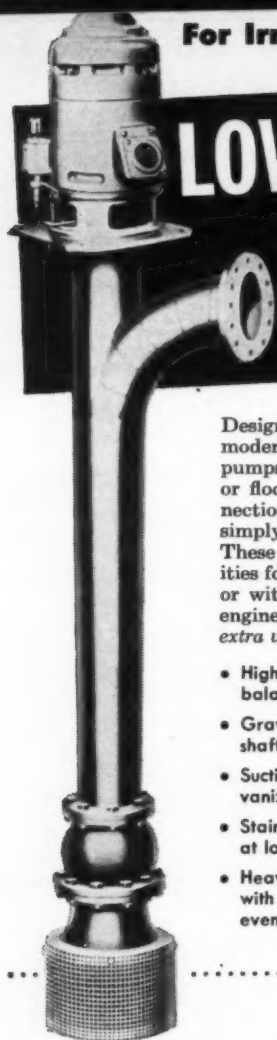


MOST
H.P. HOURS



WISCONSIN MOTOR CORPORATION

World's Largest Builders of Heavy-Duty Air-Cooled Engines
MILWAUKEE 46, WISCONSIN



For Irrigation, Land Drainage

LOW COST WATER

**Fairbanks-Morse
Propeller Pumps Give Extra
Capacity, Added Quality...
At Prices You Can Afford!**

Designed for large capacity pumping against low to moderate heads with high efficiency... F-M propeller pumps are ideally suited to irrigation, land drainage, or flood control. Rotative speeds permit direct connection to low-cost drivers. They are easily installed... simply suspended from a floor or structure over water. These self-priming pumps come in a variety of capacities for every need, powered by a famous F-M motor, or with a column for belted service, or powered by engine through right angle gears. And look at these extra value features...

- High Performance Propeller is made of rugged cast bronze, balanced and finished for better performance.
- Gravity Lubrication amply supplies upper pump and line-shaft bearings to assure long life.
- Suction Strainer of rigid construction and heavily galvanized... keeps foreign materials out.
- Stainless Steel Propeller Shaft transmits maximum power at low working stresses.
- Heavy Suction Discharge Column is coated inside and out with corrosion-resistant cold asphaltum to assure long life even under severe conditions.

REMEMBER for full information about Fairbanks-Morse Figure 6360 propeller pumps and how they can help solve your irrigation or land drainage problems, write: Fairbanks Morse & Co., 600 So. Michigan Ave., Chicago 5, Ill.



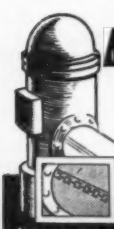
FAIRBANKS-MORSE

a name worth remembering when you want the BEST

PUMPS • SCALES • DIESEL LOCOMOTIVES AND ENGINES • ELECTRICAL MACHINERY
RAIL CARS • HOME WATER SERVICE EQUIPMENT • MAGNETOS

When writing advertisers
please mention
AMERICAN VEGETABLE GROWER

Please refer to classified index
on pages 13 and 14.



IRRIGATE EASIER and at LESS COST with NEW IMPROVED **Lincoln CANVAS HOSE**

Lincoln Canvas Hose saves on pump and labor costs. Is easily handled and eliminates ditching. Takes water over and around obstacles and over uneven ground. Plain-Gated—or Sleeve-Sizes from 2 1/2 to 11 inches. Supreme Strength Seam. New Mildew Resistant treated for extra long life. Buy at low cost direct from factory. We also have Canvas Dams.

Write today for complete information and prices.

LINCOLN TENT & AWNING COMPANY
Dept. 16-A 1616 "O" St. Lincoln, Nebr.

IRRIGATION & DRAINAGE

HOSE, SUCTION

Agricultural Rubber Products Corp., 103 Warren St., New York, N. Y.

MOISTURE METERS

General Scientific Equipment Co., Hamden, Conn.
Industrial Instruments, Inc., 89 Commerce Rd., Cedar Grove, N. J.
Irrigation Eng. Co., 2809 E. Foothill Blvd., Pasadena, Calif.
National Agri. Supply Co., Fort Atkinson, Wis.

PIPE, ASBESTOS-CEMENT

Johns-Manville Corp., 22 E. 40 St., N. Y. 16, N. Y.

PIPE CARRIER

Kellam Co., Biscoe, N.C.

PIPE, METAL

Albert Pipe Supply Co., Inc., Berry & No. 13th St., Brooklyn, N.Y.
W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
Atlas Supply Div., Jones & Laughlin Supply Co., Box 2481, Tulsa, Okla.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich., and San Jose, Calif.
Champion Corp., Hammond, Ind.
Chase Brass & Copper Co., Waterbury, Conn.
Chicago Metal Mfg. Co., 37th & So. Rockwell, Chicago 32, Ill.
Hardie Mfg. Co., Wilkes-Barre, Pa.
Jones & Laughlin Steel Corp., 3 Gateway Center, Pittsburgh, Pa.
Michigan Orchard Supply Co., South Haven, Mich.
National Tube Div., U. S. Steel Corp., Wm. Penn Place, Pittsburgh 30, Pa.
Race & Race Inc., Winter Haven, Fla.
Rainbow Sales Co., Chattanooga, Tenn.
Republic Steel Corp., Republic Bldg., Cleveland 1, Ohio
Revere Copper & Brass Inc., 230 Park Ave., N. Y. 17, N. Y.
Wade Rain, 1919 N.W. Thurman, Portland 9, Ore.

PIPE, PERFORATED

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
Race & Race Inc., Winter Haven, Fla.
Wade Rain, 1919 N.W. Thurman, Portland 9, Ore.

PIPE, PLASTIC

Carlson Products Corp., 10225 Meech, Cleveland 5, Ohio
Florida Products, P.O. Box 188, Park Ridge, Ill.
Manufacturers Corp. of Ohio, Mansfield, Ohio
Trinity Products, Inc., Trinity, Texas
U. S. Steel Co., 525 William Penn Place, Pittsburgh 30, Pa.
Wade Rain, 1919 N.W. Thurman, Portland 9, Ore.
Yardley Plastic Co., Columbus, Ohio

PIPE, PORTABLE, METAL

Aluminum Corp. of America, 425 Sixth Ave., Pittsburgh, Pa.
W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich., and San Jose, Calif.
Champion Corp., Hammond, Ind.
Chicago Metal Mfg. Co., 37th & So. Rockwell, Chicago 32, Ill.
Evans Orchard Supply Co., 305 Delaware, Kansas City, Mo.
Hardie Mfg. Co., Wilkes-Barre, Pa.
Irrigation Equip. Co., Inc., Eugene, Ore.
McDowell Mfg. Co., 301 Stanton Ave., Pittsburgh, Pa.
Michigan Orchard Supply Co., South Haven, Mich.
Moulton Irrigation Co., Withrow, Minn.
Race & Race Inc., Winter Haven, Fla.
Rainbow Sales Co., Chattanooga, Tenn.
Rainway Irrigation Co., 2402 E. Trent St., Spokane, Wash.
Reynolds Metals Co., Richmond 18, Va.
Wade Rain, 1919 N.W. Thurman, Portland 9, Ore.

PUMPS

CENTRIFUGAL

Barnes Mfg. Co., Mansfield, Ohio
Conver Pump Co., Muscatine, Iowa
Continental Belton Co., Belton, Tex.
Deming Co., Salem, Ohio
Fairbanks, Morse, 600 S. Michigan Ave., Chicago 5, Ill.
Gorman-Rupp Co., Mansfield, Ohio
Goulds Pumps, Inc., Seneca Falls, N. Y.
Hale Fire Pump Co., Conshohocken, Pa.
Hardie Mfg. Co., Wilkes-Barre, Pa.
Homelite Div. of Tectron, Inc., Port Chester, N.Y.
Jacuzzi Bros., Inc., Richmond, Calif.
Lobbe Pump & Machinery Co., Gasport, N.Y.
Marlow Pumps Div. of Bell & Gossett Co., Box 200 Midland Park, N. J.
F. E. Myers & Bro. Co., Ashland, Ohio
Peerless Pump Div., Food Mch. & Chem. Corp., Indianapolis, Ind.; Los Angeles 31, Calif.

AMERICAN VEGETABLE GROWER

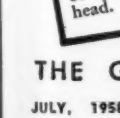
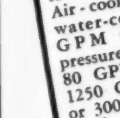
**GIVE
DRY**



There a
to be e
own we
ture...
to do th
Sprink
you wa

Single
than d
yields
crop in

Write

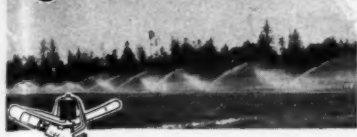


Available
Air-cool
water-co
GPM
pressure
80 GPM
1250 G
or 3000
head.

THE G

JULY, 1950

GIVE DRY WEATHER THE BIRD...



RAIN BIRD, of course!

There are handsome dividends to be earned in providing your own weather for crops and pasture... there's no better way to do this than with Rain Bird Sprinklers. Get water where you want it, when you want it!

Single installations have more than doubled—even tripled—yields and insured stability of crop income. See your dealer.

Write for free information.



**NATIONAL RAIN BIRD SALES
& ENGINEERING CORP.**
Azusa, California
RAINY SPRINKLER SALES
609 West Lake Street, Peoria, Illinois

DEEP WELL

Deming Co., Salem, Ohio
Fairbanks, Morse, 600 S. Michigan, Chicago 5, Ill.
Goulds Pumps, Inc., Seneca Falls, N. Y.
F. E. Myers & Bro. Co., Mansfield, Ohio
Peerless Pump Div., Food Mch. & Chem. Corp.
Indianapolis, Ind.; Los Angeles 31, Calif.

PORTABLE

Allis-Chalmers Mfg. Co., 1126 So. 70th St., Milwaukee, Wis.
Barnes Mfg. Co., Mansfield, Ohio
Ralph B. Carter Co., 210 Atlantic St., Hackensack, N. J.
Carver Pump Co., Muscatine, Iowa
Deming Co., Salem, Ohio
Gorman-Rupp Co., Mansfield, Ohio

RAIN GAUGES

Tru-Chek Rain Gauge Co., 100 North Broadway, Albert Lea, Minn.

SPRINKLER SYSTEMS

W. R. Ames Co., 1001 Dempsey Rd., Milpitas, Calif.
John Bean Division, Food Machinery & Chemical Corp., San Jose, Calif.
Buckner Mfg. Co., Fresno, Calif.
Champion Corp., Hammond, Ind.
Chicago Metals Mfg. Co., 37th & S. Rockwell, Chicago 32, Ill.
Farmland Irrigation Co., Inc., 200 N. Columbia Blvd., Portland 17, Ore.
Hardie Mfg. Co., Wilkes-Barre, Pa.
Irrigation Equipment Co., Inc., Eugene, Ore.
Jones & Laughlin Steel Co., Box 2481, Tulsa, Okla.
McDowell Mfg. Co., Pittsburgh 9, Pa.
Michigan Orchard Supply Co., South Haven, Mich.
National Rain Bird Sales & Eng. Corp., Azusa, Calif.
Olin-Mathieson Chemical Co., Mathieson Bldg., Baltimore 3, Md.
Rainbow Sales Co., Chattanooga, Tenn.
Rainway Irrigation Co., Spokane, Wash.
Rainy Sprinkler Sales, 609 W. Lake St., Peoria, Ill.
Shur-Rane, Dept. of John Bean Western Div. Food Machinery & Chem. Corp., San Jose, Calif.
Skinner Irrigation Co., 803 Water St., Troy, Ohio
Sodus Fruit Exchange, Sodus, Mich.
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.
Whiteshowers, Inc., 17514 Woodward, Detroit, Mich.

SPRINKLER HEADS, REVOLVING

Buckner Mfg. Co., Fresno, Calif.
National Rain Bird Sales & Eng. Corp., Azusa, Calif.
Rainy Sprinkler Sales, Peoria, Ill.
Skinner Irrigation Co., 803 Water St., Troy, Ohio

VALVES, HYDRANT-TYPE

McDowell Mfg. Co., 301 Stanton, Pittsburgh 9, Pa.
Wade' Rain, 1919 N.W. Thurman, Portland 9, Ore.

FROST Protection

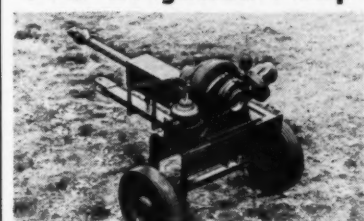
FROST ALARM INDICATORS

Minneapolis-Honeywell Regulator Co., 2747 Fourth Ave. S., Minneapolis, Minn.
Precision Thermometer & Instrument Co., 1433 Brandywine St., Philadelphia 30, Pa.
Taylor Instrument Co., Ames St., Rochester 1, N. Y.

PLANT PROTECTORS

General Plastics Corp., Marion, Ind.
Germain's, Inc., 4400 E. Washington Blvd., Los Angeles 22, Calif.
Green Thumb Metal & Plastic Corp., 2417 Nicholasville Pike, Lexington, Ky.
Kalamazoo Vegetable Parchment Paper Co., Kalamazoo, Mich.
Paxton Products Co., P. O. Box 68, Riverside, Calif.
Producer's Exchange, Inc., 20-32 So. Huron St., Toledo 4, Ohio
Robinson Blower & Engineering Corp., San Martin, Calif.

NEW ... HALE "Tractor-Mate" PTO Irrigation Pump



Get FULL benefit from your Tractor with a Hale "TRACTOR-MATE"—the new Hale Type 3PTF power take-off Trailer-mounted pump.

"TRACTOR-MATE" is specifically designed for use with your tractor power in irrigating medium size acreage. You can also use it as a booster for your present Irrigation System!

The 3PTF, with a wide range of volume and pressure, is compact, efficient and economical to operate.

Pump and gear drive are mounted on a sturdy steel trailer, as pictured above.

The 3PTF features case hardened steel gears of the same high quality as on your local fire engine.

2 models available. 3" suction. With 550 RPM take off speed, it will pump 350 GPM at 80 PSI.

Ask about the new HALE "Torrent" Self-Priming Portables

Quality-built, quick-starting, low-cost—the "Pump of a Thousand Uses." Ideal for "on-the-spot" filling of tanks with water, liquid fertilizer—also for small irrigation jobs, stand-by water system and emergency fire fighting. Pumps over 7000 gallons per hour!

● HALE Irrigation Pumping Units are sold thru Distributors who are well qualified to Engineer a system best suited to YOUR needs.

Please send details on the new 3PTF and other HALE Irrigation Pumps.

Name _____

Address _____

Water Source _____ No. Acres _____

Irrigation Division Dept. AVG

HALE FIRE PUMP CO.
CONSHOHOCKEN, PA

COMPARE Irrigation PUMPS!

WEIGH THESE POINTS BEFORE YOU BUY----

COMPARE — Gorman-Rupp pumps with all other makes and their performance under field conditions...

EXCLUSIVE! — Gorman-Rupp Firsts!...

- ★ CHECK VALVE (lever control) — Standard equipment on pump discharge. No gate valve needed. Valve threaded to receive 6" pipe.
- ★ WEAR RING — Renewable, surrounds impeller eye.
- ★ SHAFT SEAL — Located on suction side under vacuum. Lubricated by compression grease cup.
- ★ END PLATE — Removable, gives easy accessibility to impeller and shaft seal without disturbing pipe connections.

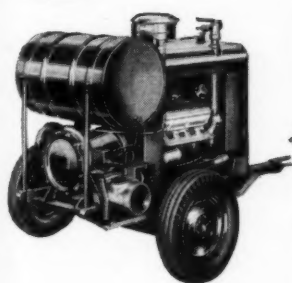
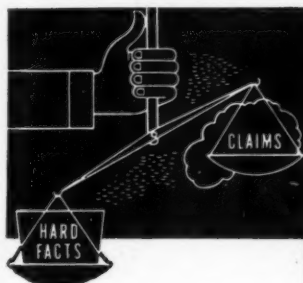
And! with Gorman-Rupp you get a complete irrigation pump package: pump, engine, exhaust priming device, strainer—ready to work.

GORMAN-RUPP IRRIGATION PUMPS

GORMAN-RUPP ORIGINATES — OTHERS IMITATE

THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO

JULY, 1958



Available in many sizes.
Air-cooled engines and
water-cooled engines.
GPM varies with lbs.
pressure. Ratings from
80 GPM at 75 lbs. to
1250 GPM at 125 lbs.
or 3000 GPM at 35-foot
head.



SPRAYS, DUSTS AND FERTILIZERS



INSECTICIDES

ALDRIN

Associated Chemists, Agr.-Chem. Div., North Collins, N.Y.
Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
Shell Chemical Corp., 460 Park Ave., N.Y., N.Y.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

*ARAMITE

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Naugetuck Chemical Div., U. S. Rubber Co., Naugetuck, Conn.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.

BENZENE, HEXACHLORIDE, LINDANE

Associated Chemists, Inc., Agri. Chemicals Div., North Collins, N.Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
Diamond Alkali Co., 300 Union Commerce Bldg., Cleveland 14, Ohio
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S. W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
S. B. Penick & Co., 50 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Prentiss Drug & Chem. Co., Inc., 110 William St., N.Y. 38, N.Y.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Winter Haven, Fla.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

*Company's brand name.

CHLORDANE

Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S. W. Caruthers, Portland 1, Ore.
Naugetuck Chemical Div., U. S. Rubber Co., Naugetuck, Conn.
Niagara Chemicals Div., Food Machinery & Chemical Corp., Middleport, N.Y.
S. B. Penick & Co., 50 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Prentiss Drug & Chemical Co., Inc., 110 William St., N.Y. 38, N.Y.
Sennelwald Drug Co., 2723 Chouteau Ave., St. Louis, Mo.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

*CHLOROBENZILATE

Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

DDT

American Potash & Chemical Corp., 3100 E. 26th St., Los Angeles 23, Calif.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
Diamond Alkali Co., 300 Union Commerce Bldg., Cleveland 14, Ohio
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
S. B. Penick & Co., 50 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Shell Chemical Corp., 460 Park Ave., N.Y., N.Y.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

DEMETON

Chemagro Corp., 437 Fifth Ave., N.Y., N.Y.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.

*DIAZINON

Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.

DIELDRIN AND ENDRIN

American Potash & Chemical Corp., 3100 E. 26th St., Los Angeles 23, Calif.
Associated Chemists, Inc., Agri. Chemicals Div., North Collins, N.Y.
Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Bound Brook, N.J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
S. B. Penick & Co., 50 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Shell Chemical Corp., 460 Park Ave., N.Y., N.Y.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Veliscol Chemical Corp., 330 E. Grand Ave., Chicago 11, Ill.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

EPN

E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

*GENITE EM-923

General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N.Y.

*GUTHION

Chemagro Corp., 437 Fifth Ave., New York 16, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

MALATHION

American Potash & Chemical Corp., 3100 E. 26th St., Los Angeles 23, Calif.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N.Y. 20, N.Y.
Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
S. B. Penick & Co., 50 Church St., New York 8, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.
Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City, Mo.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

AMERICAN VEGETABLE GROWER

NEW
FO
INS

Malat
kil

CABBA
resista
cides in ma
practically
countering
and dusts s
frequently
and easier
rapidly sw
based spra
One of
these is a
and pertha
been extre
dation (ac
pound of p
malathion.

Aphid cor
For sev
been the
ing grower
trols cabb
and looper

Resistant or ha
loopers are ef
controlled wit
consisting of
bination of m
and perthan
bage worms c
ids are also co

used alone
program s
good head
will preven
where aph
insecticide

Close-to-h
The m
tion can b
cutting . .
residues of
sects can
pickings o

NEW COMBINATION FOR CABBAGE INSECT CONTROL

**Malathion-perthane spray
kills resistant loopers**

CABBAGE loopers are definitely resistant to chlorinated insecticides in many areas and harder-to-kill practically everywhere. Growers are countering in two ways. First, sprays and dusts are applied earlier and more frequently to hit the pests while small and easier to kill. Second, growers are rapidly switching to a phosphate-based spray program.

One of the most outstanding of these is a combination of malathion and perthane. Kills of loopers have been extremely high. The recommendation (actual toxicant per acre) is 1 pound of perthane plus 1¼ pounds of malathion.

Aphid control

For several years, malathion has been the outstanding aphicide offering growers safety in use. It also controls cabbage worms. Before worms and loopers appear, malathion can be



Resistant or hard-to-kill loopers are effectively controlled with sprays consisting of a combination of malathion and perthane. Cabbage worms and aphids are also controlled.



used alone as an aphicide. A regular program started early, will help insure good head formation and, of course, will prevent infestation inside heads where aphids are beyond reach of any insecticide.

Close-to-harvest infestations

The malathion-perthane combination can be applied up to 7 days from cutting . . . without danger of excess residues on the crop. This means insects can be controlled even between pickings or cuttings.



Malathion, widely recommended for aphids, controls many other pests

Malathion, a phosphate insecticide, protects crops from asparagus to zucchini against major pests. That's why more and more growers are using malathion as the basis of a complete insect control program. Long established as the leading aphicide, malathion also gives fast, thorough kills on a wide range of insects including beetles, leafhoppers, mites, worms and loopers. Malathion helps growers eliminate multiple mixings and sprayings.

Other features; Malathion's insect killing efficiency is complemented by bonus benefits making it unique among phosphate insecticides. First, unlike most other phosphates, malathion can be handled safely without cumbersome respirator or special protective clothing.

OFFERS SAFETY IN USE:

The USDA calls malathion, "... one of the safest insecticides to handle." And the U. S. Public Health Service says, "... the toxicities of malathion (oral and through the skin) are less than those of DDT."

Malathion lets growers control late season insect infestations without exceeding residue tolerances established by the Miller Law. On many crops it can be used up to 72 hours from harvest, on most others up to 7 days. On beans, malathion can be applied up to 24 hours from harvest.

Malathion is compatible with most commonly used fungicides and other insecticides . . . another reason why more and more growers are making it the basic chemical in their control programs.

For FREE Grower's Handbook listing malathion's uses, rates, timing, etc., send this coupon to:
AMERICAN CYANAMID CO., Insecticide Dept., AV-5, New York 20, N. Y.

Name _____
Town _____ RFD _____
City _____ County _____ State _____

Advertisement

SPRAYS, DUSTS, FERTILIZERS

METHOXYCHLOR

Associated Chemists, Inc., Agri. Chemicals Div., North Collins, N. Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

NICOTINE

Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Philipp Bros. Chemicals, Inc., 37 Wall St., N. Y. 5, N. Y.
S. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Stauffer Chemical Co., 636 California St., San Francisco 8, Calif.

OVEX

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Pittsburgh Plate Glass Co., 2200 Grant Bldg., Pittsburgh 19, Pa.
Stauffer Chemical Co., 380 Madison Avenue, New York 17, N.Y.; 636 California St., San Francisco 8, Calif.

PARATHION

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemagro Corp., 437 Fifth Ave., N.Y., N.Y.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Monsanto Chemical Co., Lindberg & Olive St., Road, St. Louis 24, Mo.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Pittsburgh Coke & Chemical Co., 2000 Grant Bldg., Pittsburgh 19, Pa.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Woolfolk Chemical Works, Ltd., Fort Valley, Ga.

*PERTHANE

Rohm & Haas Co., Washington Sq., Philadelphia 5, Pa.

PYRETHRUM & DERIVATIVES

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
S. B. Penick & Co., 50 Church St., New York 8, N.Y.
S. G. Pratt Co., 204 21st Ave., Paterson, N.J.

*Company's brand name.

ROTENONE PRODUCTS

American Agricultural Chemical Co., 50 Church St., N. Y. 7, N. Y.
Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
S. B. Penick & Co., 50 Church St., New York 8, N.Y.
S. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.

*SEVIN

Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 1, Md.
Union Carbide Chemicals Co., CRAG Agricultural Chemicals, 180 S. Broadway, White Plains, N. Y.

TOXAPHENE

Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Hercules Powder Co., Inc., 900 Market St., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.

*TRITHION

Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.

IF YOU NEED

● MANGANESE COMPOUNDS

Feed grade for animal nutrition.

● COBALT COMPOUNDS

Feed grades for animal nutrition.

● CARBONATES, TECH.

Copper
Zinc
Manganese

● T-B-C-S 53

A reliable fixed copper fungicide for dusting and spraying.

Order from Harshaw
THE HARSHAW CHEMICAL CO.
CLEVELAND, 6, OHIO

Branches in:

Chicago • Cincinnati • Detroit • Houston • Los Angeles • New York • Philadelphia • Pittsburgh

ZINC SULFATE

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Central Chemical Corp., Hagerstown, Md.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Tennessee Corp., 619 Grant Bldg., Atlanta 1, Ga.
Woolfolk Chemical Works, Ltd., Ft. Valley, Ga.

FUNGICIDES

ANTIBIOTICS

ACTIONONE

Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y. (Cherry tree use only)
Upjohn Co., 301 Henrietta, Kalamazoo, Mich. (All commercial uses)

COPPER-STREPTOMYCIN-TERRAMYCIN

Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn, N.Y.

GRISEOFULVIN

The Murphy Chemical Co., Ltd., Wheathamstead, Herts., England

STREPTOMYCIN

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Merck & Co., Inc., Rahway, N.J.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn, N. Y.
E. R. Squibb & Sons Div., 745 Fifth Ave., N.Y. 22, N.Y.

STREPTOMYCIN-NITRATE

Olin Mathieson Chemical Corp., 10 Light St., Baltimore 3, Md.

STREPTOMYCIN-TERRAMYCIN

Chipman Chemical Co., Inc., Bound Brook, N.J.
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N.Y.
Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn, N. Y.

CAPTAN

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

CHLORANIL

General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.

COPPER COMPOUNDS

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
E. I. du Pont de Nemours & Co., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Hercules Powder Co., Inc., 900 Market St., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Phelps-Dodge Refining Corp., 300 Park Ave., N. Y. 17, N. Y.
S. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.; Winter Haven, Fla.
Tennessee Corp., 619 Grant Bldg., Atlanta 1, Ga.

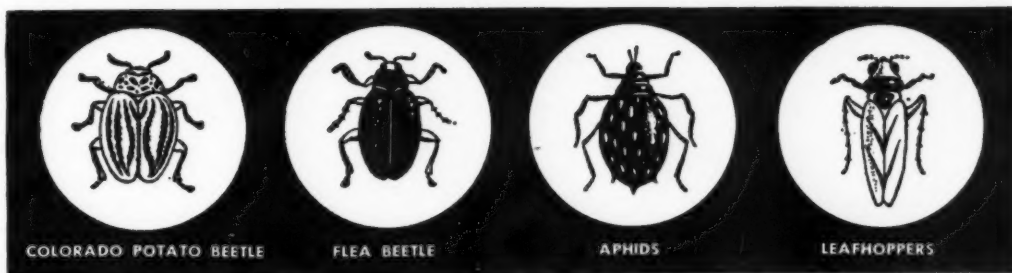
AMERICAN VEGETABLE GROWER



Thiodan

A Noteworthy New Broad Range Insecticide for Potatoes

Kills'em All!



NIAGARA POTATO FUNGICIDES OF PROVED EFFECTIVENESS

Niagara Nabam

An organic liquid fungicide, compatible with most insecticides. Controls many diseases, particularly early and late blight.

Niacide Z

A new organic potato fungicide containing zinc salts. Niacide Z gives exceptionally good control against early blight.

NIAGARA THIODAN GIVES ONE SHOT CONTROL OVER ALL COMMON POTATO PESTS

Thiodan is a name for potato growers to remember. It is an important new Niagara discovery. Thiodan provides broad range use and sure kill effectiveness against *all* potato insects. With Thiodan you get a multiple kill of several potato pests at the same time. This means new ease and convenience plus economy in protecting your crop.

Thiodan is easy to use. Just mix this concentrate with water at the rate of one quart per 100 gallons. Apply with ground spray equipment. And Thiodan is compatible in your spray tank with all commonly used potato fungicides. So be among the first to benefit from Niagara Thiodan. See your Niagara dealer, Niagara field man or write us.



Putting Ideas to Work

**FOOD MACHINERY AND CHEMICAL CORPORATION
Niagara Chemical Division**

MIDDLEPORT, N.Y., RICHMOND, CALIF., JACKSONVILLE, FLA., WYOMING, ILL.,
NEW ORLEANS, LA., AYER, MASS., HARLINGEN, TEXAS, YAKIMA, WASH.,
GREENVILLE, MISS.

Canadian Associate: NIAGARA BRAND CHEMICALS, LTD., BURLINGTON, ONT.



Protect your crops against mites and aphids with amazing new Trithion®

You can use Trithion on a whole range of valuable crops . . . fruits . . . vegetables . . . ornamentals . . . cotton and many others. This remarkable new insecticide-miticide controls destructive aphids, mites and leafhoppers—104 common pests in all. Trithion even destroys mite eggs. And it costs you less, too—because it lasts much longer, needs fewer sprayings. For better crops . . . bigger profits . . . ask your dealer for Trithion today.



New York • San Francisco • Houston • Omaha • Los Angeles • Tampa
North Portland • Weslaco • Lubbock • Harvey • North Little Rock

®Trithion is Stauffer Chemical Company's trade-mark (registered in principal countries) for O, O-diethyl S-p-chlorophenyl thiomethyl phosphorodithioate, an insecticide-miticide.

FUNGICIDES

DICHLONE

Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
Chipman Chemical Co., Inc., Bound Brook, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Nauqua Chemical Div., U. S. Rubber Co., Nauqua-tuck, Conn.
Niagara Chemical Div., Food Machinery & Chemi-cal Corp., Middleport, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.

FERBAM

Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemi-cal Corp., Middleport, N. Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

*KARATHANE

Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Port-land 1, Ore.
Panogen, Inc., Div. of Morton Chemical Co., Ring-wood, Ill.
Rohm & Haas Co., Washington Sq., Philadelphia 5, Pa.

MANEB

Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Port-land 1, Ore.
Rohm & Haas Co., Washington Sq., Philadelphia 5, Pa.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

NABAM

E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Rohm & Haas Co., 222 W. Washington Sq., Phila-delphia 5, Pa.

ORGANO-MERCURI

Central Chemical Corp., Hagerstown, Md.
Chemley Products Co., 5744 North Western Ave., Chicago 45, Ill.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Corona Chemical Co., Pittsburgh Plate Glass Co., Moorestown, N. J.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemi-cal Corp., Middleport, N. Y.
Panogen, Inc., Div. of Morton Chemical Co., Ring-wood, Ill.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

SULFURS

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Chipman Chemical Co., Inc., Bound Brook, N. J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore, Md.
Miller Products Co., Ft. of S.W. Caruthers, Port-land 1, Ore.
Niagara Chemical Div., Food Machinery & Chemi-cal Corp., Middleport, N. Y.
B. G. Pratt Co., 204 21st Ave., Paterson, N.J.
Sherwin-Williams Co., 101 Prospect Ave., N. W., Cleveland 1, Ohio
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.

*Company's brand name.

AMERICAN VEGETABLE GROWER

3, Ill.
N. J.
Corp., 40
Howard
thers St.,
Naua-
& Chemi-
N. Y. 17,

go 3, Ill.
d, Calif.;
k, N. J.
Grass:lli
Corp., 40
Howard
thers St.,
& Chemi-
lor Way,
e., N.W.,
N.Y. 17,
d, Calif.

Howard
St., Port-
Co., Ring-
delphia 5,

an Ave.,
Grasselli
Howard
St., Port-
delphia 5,
N.Y. 17,
8, Calif.

Grasselli
Co., Phila-

tern Ave.,
ok, N.J.
Glass Co.,
Corp., 40

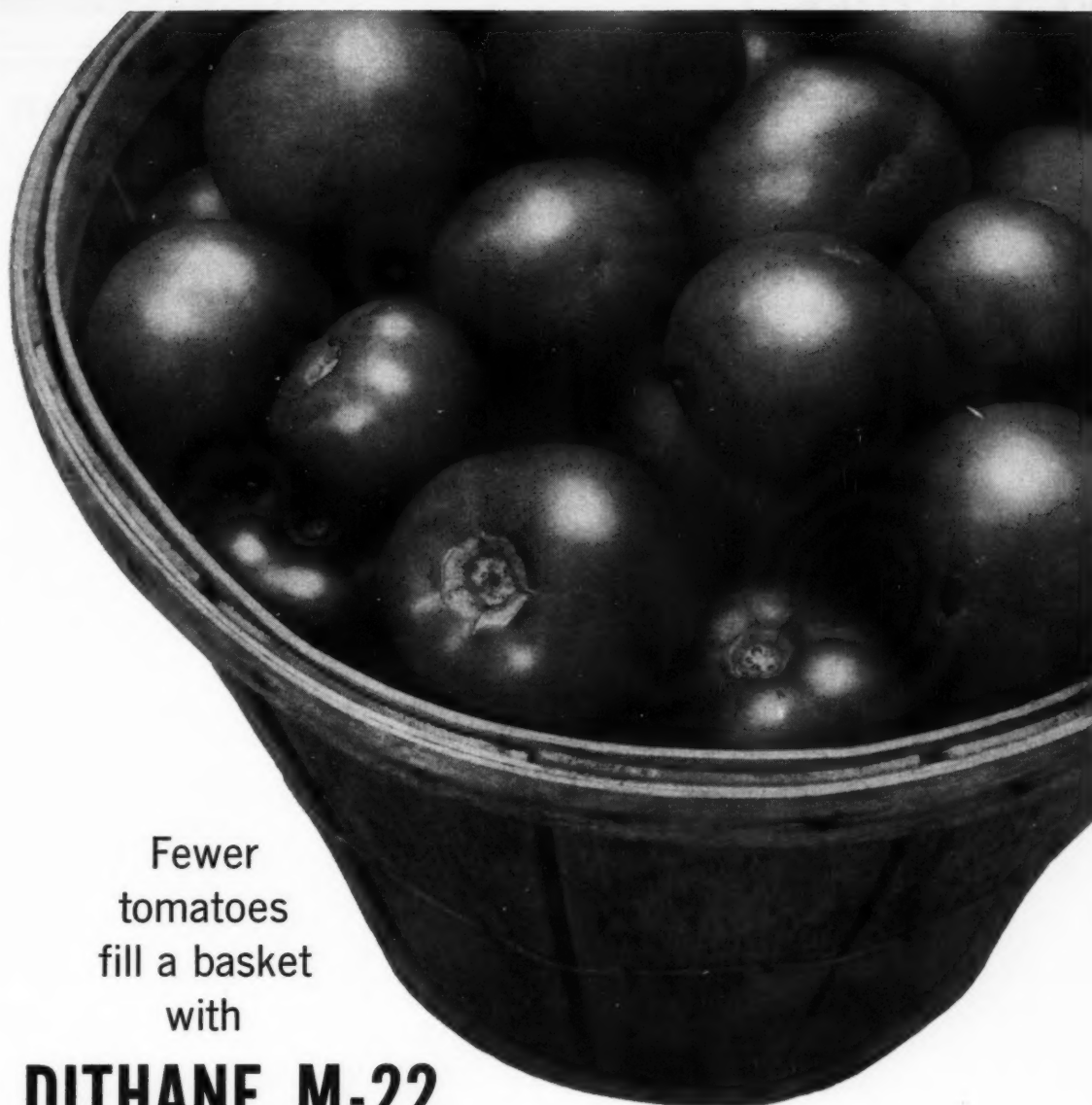
Howard
thers St.,
& Chemi-
Co., Ring-
N. Y. 17,
8, Calif.

nd, Calif.

k, N. J.
cals Div.,
Corp., 40

Howard
thers, Port-
& Chemi-
N.J.
N. V.,
N. Y. 17,
8, Calif.

GROWER



Fewer
tomatoes
fill a basket
with

DITHANE M-22

Growers using DITHANE M-22 (maneb) find it takes fewer tomatoes to make a bushel. This follows from the way DITHANE M-22 controls diseases, helps the vine produce more big ones. DITHANE M-22 keeps down anthracnose, early and late blight, gray leaf spot and

Septoria leaf spot. DITHANE M-22 protects the stems, fruits and foliage from *ALL* important fungous diseases—helps keep the vines lush and green, the tomatoes free of disease injury. Apply DITHANE M-22 and see.

RHOTHANE FOR INSECTS

For tomato insect control, add RHOTHANE to your spray tank. RHOTHANE checks fruitworms, hornworms, pinworms, flea beetles, psyllids, and thrips.

DITHANE and RHOTHANE are trademarks, Reg.
U. S. Pat. Off. and in principal foreign countries.



Chemicals for Agriculture

**ROHM & HAAS
COMPANY**

WASHINGTON SQUARE, PHILADELPHIA 5, PA.

Representatives in principal foreign countries

FUNGICIDES

*TERRACLO

Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Olin-Mathieson Chemical Corp., 10 Light St., Baltimore 3, Md.

THIRAM

E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.

ZINEB

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Rohm & Haas Co., 222 W. Washington Sq., Philadelphia 5, Pa.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.

ZIRAM

Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.

FERTILIZERS

AGRICULTURAL LIME

Benson-Maclean, Bridgeton, Ind.
Central Chemical Corp., Hagerstown, Md.
Gibsonburg Lime Prod. Co., Gibsonburg, Ohio.
Marble Cliff Quarries Co., 2100 Tremont Center, Columbus 21, Ohio.
Ohio Lime Co., Woodville, Ohio.
Scioto Lime & Stone Co., Delaware, Ohio.
United States Gypsum Co., 300 W. Adams St., Chicago 6, Ill.

AMMONIUM NITRATE

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Cominco Products, Inc., 933 W. 3rd Ave., Spokane 4, Wash.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

AMMONIUM NITRATE LIMESTONE

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.

AMMONIUM SULFATE

Cominco Products, Inc., 933 W. 3rd Ave., Spokane 4, Wash.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

ANHYDROUS AMMONIA

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Cominco Products, Inc., 933 W. 3rd Ave., Spokane 4, Wash.
Dow Chemical Co., Agricultural Chemical Div., Midland, Mich.
Grand River Chemical Div., Deere & Co., 2010 South Utica, Tulsa, Okla.
Olin-Mathieson Chemical Corp., Mathieson Bldg., Baltimore, Md.
Shell Chemical Corp., 460 Park Ave., N. Y. 17, N. Y.

BORAX

American Potash & Chemical Corp., 3030 W. 6th, Los Angeles 54, Calif.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

*Company's brand name.

Miller Products Co., Ft. of S. W. Caruthers, Portland 1, Ore.
Pacific Coast Borax Co., 100 Park Ave., N. Y. 17, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.; 636 California St., San Francisco 8, Calif.

CALCIUM CYANAMID

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

CHELATED COMPOUNDS

Crown Zellerbach Corp., Chemical Products Div., Camas 5, Wash.
Dow Chemical Co., Agricultural Chemical Div., Midland, Mich.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.

SEEDS

To start your crops

BEST SPRAYS

To protect them

Write today for list

- INSECTICIDES
- FUNGICIDES
- WEED KILLERS

Letherman's

Dept. VG
Canton 2, Ohio

Proved

IN THE FIELD

25% to 50% Greater Yield & Quality

CAMPBELL'S GRO-GREEN

... with Foliage DIETENE
... with Soil DIETENE
LIQUID FERTILIZER

& Nitrogen Nutrient Concentrates

Chelated Iron & Trace Elements

Better Results, More Profit ... with less work!

In all parts of the country, farmers, seedsmen, growers and ranchmen are using CAMPBELL'S GRO-GREEN ... and getting immediate improvement in yield, quality and profit per acre. Less Labor. Less Cost. You apply GRO-GREEN easily, without waste, using regular sprayer or irrigation equipment. Use with Planter attachments or broadcast. Gives plants a balanced diet, has all necessary growth elements, rapid penetration, quick results. One test—on your own fields, crops—will convince! A formula for every need!

In 5, 30 and 55 Gal. sizes — also crystal form, and small sizes for home use.



Easy to use! May also be mixed with insecticides, fungicides. Saves Labor, Saves Cost!

Write for FREE SAMPLE Test GRO-GREEN ... Watch it work!

H. D. CAMPBELL CO.

Farm Products Div.

Rochelle, Ill.

PH: Rochelle 460

Refined Products Corp., Lyndhurst, New Jersey
Victor Chemical Works, 155 N. Wacker Drive, Chicago 6, Ill.

Manufacturers of COPPER SULPHATE

— ALL GRADES —
Including Instant Powder
Guaranteed Not to Cake
REPUBLIC CHEMICAL CORPORATION
94 Beekman Street New York 38, N.Y.

COPPER SULFATE

Phelps-Dodge Refining Corp., 300 Park Ave., N. Y. 5, N. Y.; 230 N. Michigan Ave., Chicago 1, Ill.
Republic Chemical Corp., 94 Beekman St., N. Y. 38, N. Y.
Tennessee Corp., 617-29 Grant Bldg., Atlanta 1, Ga.

*FERRIC SULFATE

Stauffer Chemical Co., 636 California St., San Francisco 8, Calif.

LIQUID FERTILIZERS

H. D. Campbell Co., 106 Market St., Rochelle, Ill.
Clover Chemical Co., Box 10865, Pittsburgh 36, Pa.
Cominco Products, Inc., 933 West 3rd Ave., Spokane 4, Wash.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.

MAGNESIUM SULFATE

Central Chemical Corp., Hagerstown, Md.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N. Y. 6, N. Y.
James Good, Inc., Susquehanna Ave. & Martha St., Philadelphia 25, Pa.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio.
International Minerals & Chemical Corp., 20 N. Wacker Dr., Chicago 6, Ill.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

MANGANESE SULFATE

E. I. du Pont de Nemours & Co., Inc., Grasselli Chem. Dept., Wilmington, Del.
Harshaw Chemical Co., 1945 E. 97th St., Cleveland 6, Ohio.
Merck & Co., Inc., Rahway, N. J.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Tennessee Corp., 619 Grant Bldg., Atlanta 1, Ga.

NITRATE OF POTASH

Chilean Nitrate Educational Bureau, Inc., 120 Broadway, N. Y. 5, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.

NITRATE OF SODA

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.
Chilean Nitrate Educational Bureau, Inc., 120 Broadway, N. Y. 5, N. Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.

NITROGEN SOLUTIONS

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
H. D. Campbell Co., 106 Market St., Rochelle, Ill.
Cominco Products, Inc., 933 West 3rd Ave., Spokane 4, Wash.
Grace Chemical Co., 501 Edway Bldg., Memphis 1, Tenn.

NUTRITIONAL FOLIAR PLANT FOODS AND STARTER SOLUTIONS

Amchem Products, Inc., Ambler, Pa.
Benson-Maclean, Bridgeton, Ind.
Clover Chemical Co., Box 10865, Pittsburgh 36, Pa.
Davison Chemical Co., Div. of W. R. Grace & Co., 101 N. Charles St., Baltimore 3, Md.
E. I. du Pont de Nemours & Co., Wilmington 98, Del.
Marion Chemical Co., Marion, Ohio
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
"Na-churs" Plant Food Co., Marion, Ohio
Ra-Pid-Gro Corp., Box 13, Dansville, N. Y.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Victor Chemical Works, 155 N. Wacker Dr., Chicago 6, Ill.

NUTRIT

Ferro Corp., Cleveland 5, Ohio
Geigy Agricultural Chemicals Corp., Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Tennessee Corp., 617-29 Grant Bldg., Atlanta 1, Ga.

American Potash & Chemical Corp., 3030 W. 6th, Los Angeles 54, Calif.
American Potash & Chemical Corp., 3030 W. 6th, Los Angeles 54, Calif.
International Minerals & Chemical Corp., 20 N. Wacker Dr., Chicago 6, Ill.
Phillips Bros. Co., N. Y.
United States Potash Co., 20, N. Y.

Benson-Maclean, Bridgeton, Ind.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
B. F. Goodrich, Cleveland 15, Ohio
Maagoe Dehyd, Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Stern's Nurseries, N. Y.

Edwards Laboratory, LaMotte Chemical, Sudbury Laboratory, N. Y.

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Benson-Maclean, Bridgeton, Ind.
Central Chemical Corp., Hagerstown, Md.
Cominco Products, Inc., 933 West 3rd Ave., Spokane 4, Wash.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Phillips Bros. Co., N. Y.
Shell Chemical Co., Smith Agricultural Ave., Columbus, Ohio.

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Central Chemical Corp., Hagerstown, Md.
Corona Chemical Co., 2100 Tremont Center, Columbus 21, Ohio.
Koppers Co., Inc., 101 N. Charles St., Baltimore 3, Md.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.
Woolfolk Chemical Co., N. Y.

American Agricultural Chemicals Co., N. Y. 7, N. Y.
Armour Fertilizer Co., N. Y.

Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
Cominco Products, Inc., 933 West 3rd Ave., Spokane 4, Wash.
Davison Chemical Co., Div. of W. R. Grace & Co., 101 N. Charles St., Baltimore 3, Md.
Farmers Fertilizer Co., Chicago 9, Ill.
International Minerals & Chemical Corp., 20 N. Wacker Dr., Chicago 6, Ill.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Phillips Bros. Co., N. Y.
Stauffer Chemical Co., 380 Madison Ave., N. Y. 17, N. Y.

Summers Fertilizer Co., Baltimore, Md.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Tennessee Corp., 617-29 Grant Bldg., Atlanta 1, Ga.

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.
E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Grace Chemical Co., 501 Edway Bldg., Memphis 1, Tenn.
Grand River Chemical Div., Deere & Co., 2010 South Utica, Tulsa, Okla.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

AMERICAN VEGETABLE GROWER

JULY, 1958

NUTRITIONAL TRACE ELEMENTS

Ferro Corp., Agricultural Div., 4150 E. 56th St., Cleveland 5, Ohio.
Geigy Agricultural Chemicals, Div. of Geigy Chemicals Corp., P.O. Box 430, Yonkers, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Tennessee Corp., 619 Grant Bldg., Atlanta 1, Ga.

POTASH SALTS

American Potash & Chemical Corp., 3030 W. 6th, Los Angeles 54, Calif.
American Potash Institute, 1102 16th St., N.W., Washington 6, D.C.
International Minerals & Chem. Corp., 20 N. Wacker Dr., Chicago 6, Ill.
Phillips Bros. Chemicals, Inc., 37 Wall St., N. Y. 5, N. Y.
United States Potash Co., 30 Rockefeller Plaza, N. Y. 20, N. Y.

SOIL CONDITIONERS

Benson-Maclean, Bridgeton, Ind.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
B. F. Goodrich Chemical Co., 2060 E. 9th St., Cleveland 15, Ohio.
Masago Dehydrating Co., Lexington, N. C.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Stern's Nurseries, Geneva, N. Y.

SOIL TESTING OUTFITS

Edwards Laboratory, Norwalk, Ohio
LaMotte Chemical Products Co., Chestertown, Md.
Sudbury Laboratory, S. Sudbury, Mass.

SULFATE OF AMMONIA

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.
American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N. Y. 20, N. Y.
Benson-Maclean, Bridgeton, Ind.
Central Chemical Corp., Hagerstown, Md.
Cominco Products, Inc., 933 W. 3rd Ave., Spokane 4, Wash.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Phillips Bros. Chemicals, Inc., 37 Wall St., N. Y. 5, N. Y.
Shell Chemical Corp., 460 Park Ave., N.Y., N.Y.
Smith Agricultural Chem. Co., 618 N. Champion Ave., Columbus 16, Ohio.

SULFUR

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N. J.
Central Chemical Corp., Hagerstown, Md.
Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N. J.
Koppers Co., Inc., Koppers Bldg., Pittsburgh 19, Pa.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Stauffer Chemical Co., 360 Madison Ave., N. Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Woolfolk Chemical Works, Ltd., Ft. Valley, Ga.

SUPERPHOSPHATE

American Agricultural Chemical Co., 50 Church St., N. Y. 7, N. Y.
Armour Fertilizer Works, 350 Hurt Bldg., Atlanta, Ga.
Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
Cominco Products, Inc., 933 W. 3rd Ave., Spokane 4, Wash.
Davison Chemical Co., Div. of W. R. Grace & Co., 101 N. Charles St., Baltimore 3, Md.
Farmers Fertilizer Co., Columbus, Ohio.
International Minerals & Chem. Corp., 20 N. Wacker Dr., Chicago 6, Ill.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Phillips Bros. Chemicals, Inc., 37 Wall St., N. Y. 5, N. Y.
Stauffer Chemical Co., 636 California St., San Francisco 8, Calif.
Summers Fertilizer Co., Inc., Stock Exchange Bldg., Baltimore, Md.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.
Tennessee Corp., 619 Grant Bldg., Atlanta, Ga.

UREA

Allied Chemical Corp., Nitrogen Div., 40 Rector St., N. Y. 6, N. Y.
E. I. du Pont de Nemours & Co., Polychemicals Dept., Wilmington, Del.
Grace Chemical Co., 501 Edway Bldg., Memphis 1, Tenn.
Grand River Chemical Div., Deere & Co., Pryor, Okla.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

JULY, 1958

GROWTH REGULATORS

COLCHICINE

Benson-Maclean, Bridgeton, Ind.

GIBBERELIC ACID

Eli Lilly & Co., Agricultural & Industrial Div., Indianapolis 6, Ind.
Merck & Co., Inc., Rahway, N. J.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Chas. Pfizer & Co., Inc., 630 Flushing Ave., Brooklyn 6, N. Y.

GROWTH RETARDERS

MALEIC HYDRAZIDE
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N.Y.
Naugetuck Chemical Div., Naugetuck, Conn.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.

NYX (For Berries)

Science Products Co., 1230 E. 63rd St., Chicago 37, Ill.

POTATO SPROUT INHIBITOR

Naugetuck Chemical Div., U. S. Rubber Co., Naugetuck, Conn.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.

TOMATO HORMONE SPRAY

Benson Maclean, Bridgeton, Ind.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Naugetuck Chemical Div., U. S. Rubber Co., Naugetuck, Conn.
Science Products Co., 1230 E. 63rd St., Chicago 37, Ill.

TRANSPLANT HORMONES

Amchem Products, Inc., Ambler, Pa.
Benson-Maclean, Bridgeton, Ind.

2,4-D and 2,4,5-T

See WEED KILLERS

Are You
GAMBLING
with your
FRUIT PROFITS?

Not if you
spray with
TRIANGLE BRAND
Copper Sulfate

The most troublesome plant diseases are controlled with Copper Sulfate Bordeaux — Bitter Rot, Scab, Blotch, Fruit Spot, Black Rot, Cloud and Phoma Fruit Spot of Apple, Anthracnose of Cantaloupe, Watermelon and Small Fruits, Black Rot, Bitter Rot and Downy Mildew of Grape, and many of the diseases attacking the foliage and fruit of citrus and nut trees.

Triangle Brand Copper Sulfate and Basic Copper Sulfate in sprays and dusts are known to be dependable in combating these diseases. More than 70 years of superior performance has eliminated the risks that successful growers refuse to take when profits are at stake.

Control scum and algae in farm ponds with Triangle Brand Copper Sulfate. Send for free booklet giving instructions.



PHELPS DODGE REFINING CORP.

300 PARK AVE. NEW YORK 22, N. Y. • 5310 W. 66th STREET, CHICAGO 38, ILL.

SOIL FUMIGANTS

CALCIUM CYANAMIDE

Merck & Co., Inc., Rahway, N.J.

CHLOROPICRIN

Panogen, Inc., Div. of Morton Chemical Co., Ringwood, Ill.

ETHYLENE DIBROMIDE

Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Union Carbide Chemicals Co., CRAG Agricultural Chemicals, 180 S. Broadway, White Plains, N.Y.

D-D

Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Shell Chemical Corp., 466 Park Ave., N.Y., N.Y.

METHYL BROMIDE

Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
Michigan Chemical Co., St. Louis, Mich.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Panogen, Inc., Div. of Morton Chemical Co., Ringwood, Ill.

*MYLONE

Union Carbide Chemicals Co., CRAG Agricultural Chemicals, 180 S. Broadway, White Plains, N.Y.

OXYQUINOLINE COMPOUND (SUNOX)

Midvale Chemical Co., Lodi, N.J.

*VAPAM

Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.

WEED KILLERS

AMMONIUM SULFAMATE

E. I. du Pont de Nemours & Co., Inc., Grasselli Chemicals Dept., Wilmington, Del.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

AMINO TRIAZOLE

American Cyanamid Co., Agricultural Div., 30 Rockefeller Plaza, N.Y. 20, N.Y.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.

CDA (RANDOX)

Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.

CDEC (VEGEDEX)

Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.

CET (SIMAZINE)

Geigy Agricultural Chemicals, Div., of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.

CHLORO IPC

Amchem Products, Inc., Ambler, Pa.
Associated Chemists, Inc., North Collins, N.Y.
Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Co., 711 14th St., N.W., Washington 5, D.C.; Richmond, Calif.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Pasadena, Texas; Bound Brook, N.J.
Columbia-Southern Chem. Co., Sub. Pittsburgh Plate Glass Co., One Gateway Center, Pittsburgh 22, Pa.
General Chemical Div., Allied Chemical Corp., 40 Rector St., New York 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Olin-Mathieson Chemical Co., Little Rock, Ark.; P.O. Box 1996, Baltimore 3, Md.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

For Easier POTATO HARVESTING . . . Kill VINES & WEEDS with ATLAS "A"

Spray potato vines with Atlas "A" before harvesting. You'll gain many benefits!

Write for Special Bulletin

CHIPMAN CHEMICAL CO.
Dept. W, Bound Brook, N.J.

DALAPON (DOWPON)

Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.

DINITRO BUTYL PHENOL

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Standard Agricultural Chemicals, Inc., 1301 Adams St., Hoboken, N.J.

DIURON (KARMEX DW)

E. I. du Pont de Nemours & Co., Wilmington 98, Del.

EPTC (EPTAM)

Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.

MALEIC HYDRAZIDE

General Chemical Div., Allied Chemical Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.

MONO-CALCIUM ARSENITE

Corona Chemical Div., Pittsburgh Plate Glass Co., Moorestown, N.J.

MONURON (KARMEX W)

E. I. du Pont de Nemours & Co., Wilmington 98, Del.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

N. I. X.

B. F. Goodrich Chemical Co., 2060 E. 9th St., Cleveland 15, Ohio

N P A (ALANAP-I)

General Chemical Div., Allied Chemical Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Naugatuck Chemical Div., U. S. Rubber Co., Naugatuck, Conn.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.

PCP (PENTACHLOROPHENOL)

Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chemical Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.

Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis 24, Mo.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Stauffer Chemical Co., 380 Madison Ave., N.Y. 17, N.Y.; 636 California St., San Francisco 8, Calif.
Thompson Chemicals Corp., 3028 Locust St., St. Louis 3, Mo.; 2727 W. Hyperion, Los Angeles, Calif.

SESONE

Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Union Carbide Chemicals Co., CRAG Agricultural Chemicals, 180 S. Broadway, White Plains, N.Y.

SODIUM SALT OF DINITRO-ORTHO-CRESOL

California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Miller Products Co., Ft. of S.W. Caruthers St., Portland 1, Ore.
Sherwin-Williams Co., 101 Prospect Ave., N.W., Cleveland 1, Ohio
Standard Agricultural Chemicals, Inc., 1301 Adams St., Hoboken, N.J.

SUBSTITUTED UREA HERBICIDES

E. I. du Pont de Nemours & Co., Wilmington, Del.

T C A

Black Leaf Co., 105 W. Adams St., Chicago 3, Ill.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Standard Agricultural Chemicals, Inc., 1301 Adams St., Hoboken, N.J.
Stauffer Chemical Co., 4111 S. 11th St., Omaha, Nebr.; Box 68, Suttle Rd., North Portland, Ore.

TOMATO DEFOLIANT

Chipman Chemical Co., Inc., Bound Brook, N.J.

For Improved Harvesting of TOMATOES USE SHED-A-LEAF "L"

Dries up the leaves . . . exposes tomatoes to more sunlight. Results in early ripening and picking. Reduces mold.

Write for special bulletin.

CHIPMAN CHEMICAL CO.
Dept. V, Bound Brook, N.J.

2,4-D and 2,4,5-T

Amchem Products, Inc., Ambler, Pa.
California Spray-Chemical Corp., Richmond, Calif.; Haddonfield, N.J.
Chemagro Corp., 437 Fifth Ave., N.Y., N.Y.
Chemical Insecticide Corp., 30 Whitman Ave., Metuchen, N.J.
Chipman Chemical Co., Inc., Bound Brook, N.J.
Diamond Alkali Co., 300 Union Commerce Bldg., Cleveland 14, Ohio
Dow Chemical Co., Agricultural Chemicals Div., Midland, Mich.
Geigy Agricultural Chemicals, Div. of Geigy Chemical Corp., P.O. Box 430, Yonkers, N.Y.
General Chemical Div., Allied Chem. Corp., 40 Rector St., N.Y. 6, N.Y.
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Miller Products Co., Ft. of S.W. Caruthers, Portland 1, Ore.
Monsanto Chemical Co., Lindberg & Olive St. Road, St. Louis, Mo.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N.Y.
Pennsalt of Washington Div., 2901 Taylor Way, Tacoma 2, Wash.
Standard Agricultural Chemicals, Inc., 1301 Adams St., Hoboken, N.J.
Stauffer Chemical Co., 4111 S. 11th St., Omaha, Nebr.; Box 68, Suttle Rd., North Portland, Ore.
Swift & Co., Agricultural Chemical Div., Union Stock Yards, Chicago 9, Ill.

XANTHOGEN DISULFIDE (HERBISAN)

Roberts Chemical Co., 1427 San Run Road, Akron 13, Ohio

AMERICAN VEGETABLE GROWER

VEG

Here

that

an ac

We call
You only
time. Ve
over you
tough w
sprout, t

Your ve
crops—g
no weed
plant fo
in your

Vegadex
weeding
saved fr
by spray

Before y
crop, sto
Farm Ch
an inform

HERE'S HO
kill weeds f
planted at th
rows at left
Vegadex at

VEGETABLE GROWERS:

Here's a weed-killing "blanket" that can save \$20 to \$90 an acre on hand-weeding

We call it Vegadex,[®] and it works a new way. You only have to spray it on once—at planting time. Vegadex forms an *invisible chemical blanket* over your soil. Annual grasses—and even some tough weeds like purslane and henbit—sprout, touch the blanket, and die.

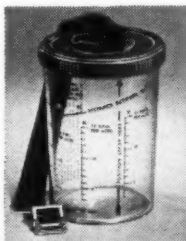
Your vegetables—like celery, lettuce and cole crops—grow through unharmed, with few or no weeds to fight them for sunlight, water and plant food. And, Vegadex won't "build up" in your soil.

Vegadex practically eliminates *costly* hand-weeding. Last year, many vegetable growers saved from \$20 to \$90 an acre on labor costs by spray-weeding with Vegadex.

Before you plant your next crop, stop by your Monsanto Farm Chemicals Dealer—he'll give you an informative new folder on Vegadex.



HERE'S HOW THE VEGADEX "BLANKET" can kill weeds for you! All celery shown here was planted at the same time. But notice the weed-free rows at left which were band-sprayed once with Vegadex at planting.



Make sure you're spraying right. Ask your Monsanto Dealer about the special offer on the Spray-Rater that accurately measures the amount of spray your rig applies per acre.

Vegetable Growers . . .

VEGADEX KILLS—annual bluegrass, bull grass (goose grass), crab grass, foxtail, pigweed, barnyard grass, chickweed, henbit (blue weed), and purslane.

VEGADEX IS SAFE FOR—collards, mustard greens, turnip greens, broccoli, cabbage, snap beans, soybeans, celery, sweet corn, kale, spinach, hanover salad, brussels sprouts, lima beans, lettuce, field corn.

THE NEWER ORGANIC PESTICIDES

With Some Commonly Known Brand Names

PESTICIDE AND BRAND NAMES COMPANY

ALDRIN		
Aldrin	Shell	
Black Leaf Aldrin	Diamond Black Leaf	
Chipman Aldrin	Chipman Chemical	
Corona Aldrin	Pittsburgh Plate Glass	
Niagara Aldrin	Niagara	
Orchard Brand Aldrin	General Chemical	
Ortho Aldrin	Calif. Spray-Chemical	
Penco Aldrin	Pennsalt Chemicals	
Stauffer Aldrin	Stauffer	

ANTIBIOTICS

Actidione		
Actispray	* Niagara	
Actispray	Upjohn	

Streptomycin		
Agri-strep	Merck	
Agri-strep	Niagara	
Phytomycin	Squibb	
Strepspray	United Heckathorn	

Streptomycin-Terramycin		
Agri-mycin 100	Chas. Pfizer	
Agri-mycin 100	Chipman Chemical	
Agri-mycin 100	General Chemical	
Agri-mycin 100 Anti-biotic Dust	Pacific Guano Co. L. H. Butcher Co. Sunland Industries, Inc. United Chemical Co.	

Copper-Streptomycin-Terramycin

Agri-mycin 500	Chas. Pfizer
----------------	--------------

*ARAMITE

Aramite	United Heckathorn
Aramite	U. S. Rubber
Black Leaf Aramite	Diamond Black Leaf
Chipman Aramite	Chipman Chemical
Corona Aramite	Pittsburgh Plate Glass
Niagara Aramite	Niagara
Orchard Brand Aramite	General Chemical
Ortho Aramite	Calif. Spray-Chemical
Penco Aramite	Pennsalt Chemicals
Stauffer Aramite	Stauffer

B-622

Dyrene	Chemagro
--------	----------

BAYER 17147

Guthion	Chemagro
---------	----------

BHC

Benzahex	Chipman Chemical
Benzex	Woolfolk
BHC 10 Spray	Niagara
Black Leaf BHC	Diamond Black Leaf
Corona BHC	Pittsburgh Plate Glass
Ortho BHC	Calif. Spray-Chemical
Isotox	Calif. Spray-Chemical
Lexone	DuPont
Lintox	Stauffer
Orchard Brand BHC	General Chemical
Penco BHC	Pennsalt Chemicals
Penco Hi Gamma BHC	Pennsalt Chemicals
Stauffer BHC	Stauffer

CAPTAN

Orthocide	Calif. Spray-Chemical
Stauffer Captan	Stauffer

CHLORANIL

Spergon	U. S. Rubber
---------	--------------

CHLORDANE

Black Leaf Chlordane	Diamond Black Leaf
Chipman Chlordane	Chipman Chemical
Chlor Kil	Niagara
Corodane	Pittsburgh Plate Glass
Orchard Brand Chlordane	General Chemical
Ortho Chlordane	Calif. Spray-Chemical
Ortho-Klor	Calif. Spray-Chemical
Penco Chlordane	Pennsalt
Pratts Chlordane	B. G. Pratt
Sherwin-Williams Chlordane	Sherwin-Williams
Stauffer Chlordane	Stauffer
Synklor	U. S. Rubber

*CHLOROBENZILATE

Chlorobenzilate	Geigy
-----------------	-------

DDD (TDE)

Black Leaf TDE	Diamond Black Leaf
Corona Rothane	Pittsburgh Plate Glass
Niagara DDD	Niagara
Orchard Brand TDE	General Chemical
Ortho TDE	Calif. Spray-Chemical
Rothane	Rohm & Haas
Rothane	Sherwin-Williams
Stauffer DDD	Stauffer

* Company's brand name.

PESTICIDE AND BRAND NAMES COMPANY

DDT		
Black Leaf DDT	Diamond Black Leaf	
Chipman DDT	Chipman Chemical	
Corona 50-50 W	Pittsburgh Plate Glass	
DDTol	Sherwin-Williams	
Deenate	DuPont	
Geigy DDT	Geigy	
Genitox	General Chemical	
Monsanto DDT	Monsanto	
Nintox	Niagara	
Orchard Brand DDT	General Chemical	
Penco DDT	Pennsalt Chemicals	
Ortho DDT	Calif. Spray-Chemical	
Pratts DDT	B. G. Pratt	

DEMETON

Stauffer Systox	Stauffer
Systox	Chemagro
Systox	Niagara
Systox	Chipman Chemical
Systox	Pennsalt Chemicals

*DIAZINON

Diazinon 25 W	Geigy
Diazinon 25 E	Geigy

DICHLONE

Black Leaf Phygion	Diamond Black Leaf
Corona Phygion-XL	Pittsburgh Plate Glass
Corona Phygion-Sulfur	Pittsburgh Plate Glass
Kolo 100	Niagara
Orchard Brand Phygion-XL	General Chemical
Phygion-XL	U. S. Rubber
Stauffer Phygion	Stauffer

DIELDRIN

Black Leaf Dieldrin	Diamond Black Leaf
Chipman Dieldrin	Chipman Chemical
Corona Dieldrin	Pittsburgh Plate Glass
Niagara Dieldrin	Niagara
Dieldrin	Shell
Orchard Brand Dieldrin	General Chemical
Ortho Dieldrin	Calif. Spray-Chemical
Penco Dieldrin	Pennsalt Chemicals
Pratts Dieldrin	B. G. Pratt
Sherwin-Williams Dieldrin	Sherwin-Williams
Stauffer Dieldrin	Stauffer
Standard Dieldrin	Standard Oil (Ind.)

DINITROS-DORMANT

Corodinec	Pittsburgh Plate Glass
Corona Dinitro Powder	Pittsburgh Plate Glass
Dinitro Dry	Niagara
Dinitrol	Sherwin-Williams
DN Drymix No. 1	Dow
DN Drymix No. 2	Dow
DN-289	Dow
Elgetol	Standard Agri. Chem.
Elgetol 30	Standard Agri. Chem.
Elgetol 318	Standard Agri. Chem.
Nitro Vaporol	Calif. Spray-Chemical

DINITROS-SUMMER

DN-111	Dow
--------	-----

ENDRIN

Black Leaf Endrin	Diamond Black Leaf
Chipman Endrin	Chipman Chemical
Corona Endrin	Pittsburgh Plate Glass
Endrin	Niagara
Endrin	Shell
Endrin	Velsicol
Orchard Brand Endrin	General Chemical
Ortho Endrin	Calif. Spray-Chemical
Penco Endrin	Pennsalt Chemicals
Stauffer Endrin	Stauffer

EPN

EPN 300	DuPont
---------	--------

ETHION

Niagara Ethion	Niagara
----------------	---------

FENSON

Penco Fenson	Pennsalt
--------------	----------

FERBAM

Black Leaf Ferbam	Diamond Black Leaf
Carbamate	Niagara
Chipman Ferbam 76	Chipman Chemical
Coromate	Pittsburgh Plate Glass
Fermate	DuPont
Karbam Black	Sherwin-Williams
Ortho Ferbam	Calif. Spray-Chemical
Orchard Brand Ferbam	General Chemical
Stauffer Ferbam	Stauffer

*GENITE EM-923

Genite EM-923	General Chemical
---------------	------------------

PESTICIDE AND BRAND NAMES

COMPANY

GLYODIN

Crag Glyodin	Union Carbide Chem.
--------------	---------------------

*GUTHION

Guthion	Chemagro
---------	----------

HEPTACHLOR

Black Leaf Heptachlor	Diamond Black Leaf
Chipman Heptachlor	Chipman Chemical
Heptachlor	Velsicol
Heptaspray	United Heckathorn
Niagara Heptachlor	Niagara
Orchard Brand Heptachlor	General Chemical
Ortho Heptachlor	Calif. Spray-Chemical
Penco Heptachlor	Pennsalt
Standard Heptachlor	Standard Oil (Ind.)
Stauffer Heptachlor	Stauffer

*KARATHANE

Karathane	Rohm & Haas
Mildex	Larvacide Product

*KELTHANE

Kelthane	Rohm & Haas
----------	-------------

LINDANE

Black Leaf Lindane	Diamond Black Leaf
Chipman Lindane	Chipman Chemical
Isotox	Calif. Spray-Chemical
Niagara Lindane	Niagara
Orchard Brand Lindane	General Chemical
Penco Lindane	Pennsalt Chemicals
Pratts Lindane Spray	B. G. Pratt
Stauffer Lindane	Stauffer

Brand names of Herbicides and Soil Fumigants on page 44.

MALATHION

Black Leaf Malathion	Diamond Black Leaf
Chipman Malathion	Chipman Chemical
Corona Malathion	Pittsburgh Plate Glass
Malaspray	United Heckathorn
Malathion Technical	American Cyanamid
Malathion 50 Spray	Niagara
Orchard Brand Malathion	General Chemical
Ortho Malathion	Calif. Spray-Chemical
Penco Malathion	Pennsalt Chemicals
Pratts Malathion Spray	B. G. Pratt
Sherwin-Williams Malathion	Sherwin-Williams
Standard Malathion	Standard Oil (Ind.)
Stauffer Malathion	Stauffer

MANEB

Dithane M-22	Rohm & Haas
Manzate	DuPont

METACIDE

Metacide 50	Chemagro
-------------	----------

METHOXYCHLOR

Chipman Methoxychlor	Chipman Chemical
Corona Methoxychlor	Pittsburgh Plate Glass
Geigy Methoxychlor	Geigy
Marlate	DuPont
Methoxicide	Niagara
Orchard Brand Methoxychlor	General Chemical
Ortho Methoxychlor	Calif. Spray-Chemical
Stauffer Methoxychlor	Stauffer

NABAM

Dithane D-14	Rohm & Haas
Niagara Nabam Solution	Niagara
Ortho Nabam	Calif. Spray-Chemical
Parzate	DuPont

*NIACIDE

Niacide	Niagara
---------	---------

ORGANO-MERCURY

Coromere	Pittsburgh Plate Glass
Merbam 10	Chipman Chemical
Orchard Brand Mercury Spray	General Chemical
Phix	Chemley Products
Puritized Agricultural Spray	Niagara
Puritized Apple Spray	Niagara
Stauffer Mer-Cad	Stauffer
Stauffer Mer-Sol	Stauffer
Tag	Calif. Spray-Chemical

OVEX

Corotran	Pittsburgh Plate Glass
Mitran	United Heckathorn
Orchard Brand Ovex	General Chemical
Orthotran	Calif. Spray-Chemical
Ovotran	Dow
Stauffer Ovex	Stauffer

(Continued on page 42)



Tailor-Made for Vegetables!

New Agricultural Grade Grace Crystal Urea

Fertilizer Compound

low biuret

(Less than 0.2%)

and completely water soluble!

1. Safe! Especially Formulated for Foliar Application.
2. Makes Possible Maximum Yields and Top Quality.
3. Saves Time, Labor, Equipment.

The low biuret content of new Grace Crystal Urea gives you concentrated nitrogen (46%) that's *completely safe* for foliar application.

The nitrogen in Grace Crystal Urea is *immediately* available to plants, and the nitrogen goes to work almost at once. Supplying this *extra* nitrogen in this easy way gives you *maximum yields and top quality*.

Response in terms of improved foliage, color or growth may be seen within a few days after spraying. Even when

soil conditions are poor—for example, when there is excessive dryness, wetness, cold, or leaching from heavy rains—response from foliar feeding with Grace Crystal Urea is good—and fast.

Grace Crystal Urea can be added to your regular insecticides or fungicide formulations and sprayed at the same time you apply these materials. You do two jobs at once, which frees men and equipment for other work.

Grace Crystal Urea is compatible with commonly used spray materials. The crystals dissolve readily and completely, won't clog spray hoses, valves or nozzles. Solutions of Grace Crystal Urea are non-corrosive—won't harm rubber, metal or wood.

FOR SOIL APPLICATION use free-flowing Grace Urea Prills. Guaranteed 46% Nitrogen. Ideal for Top-Dressing or Side-Dressing of fruits and vegetables, as well as field crops.

Grace

Chemical Company A Division of W. R. Grace & Co.

MEMPHIS, TENNESSEE

"Paid for itself
three times
the first full season!"



CHARLES MUNGAI • Florida and Pennsylvania Truck Farmer

"On our farms in Florida and Pennsylvania", says Mr. Mungai, Partner and Manager, Mungai Bros., "our Myers Air Sprayer can do the same job as our old boom rig, with only half the materials. And because our Myers unit can cover more than 100 acres per day, we don't need supplementary airplane dusting anymore.

"Add in the labor savings of a one-operator unit, and we're saving thousands of dollars per year. Reduced crop damage is probably saving us thousands more".

A Myers Air Sprayer will help you produce better yields more economically. Call your nearest Myers sprayer dealer and arrange for a demonstration in your own fields.

Myers POWER SPRAYERS
and Irrigation Pumps

THE F. E. MYERS & BRO. CO.

Ashland, Ohio • Kitchener, Canada



PESTICIDE BRAND NAMES

PESTICIDE AND BRAND NAMES

COMPANY

PARATHION

Aqua Plus Kil 6	Niagara
Black Leaf Parathion	Diamond Black Leaf
Chemagro Parathion	Chemagro
Chipman Parathion	Chipman Chemical
Corothion	Pittsburgh Plate Glass
Niran	Monsanto
Orchard Brand	
Parathion	General Chemical
Ortho Parathion	Calif. Spray-Chemical
Orthophos	Calif. Spray-Chemical
Panthion	Woolfolk
Paradust	Stauffer
Parawet	United Heckathorn
Penco Parathion	Pennsalt Chemicals
Phos Kil	Niagara
Sherwin-Williams	Sherwin-Williams
Stauffer Parathion	Stauffer
Thiophos (technical)	American Cyanamid

*PERTHANE

Perthane	Rohm & Haas
Ortho Perthane	Calif. Spray-Chemical

*PHOSDRIN

Phosdrin	Shell
Orchard Brand	
Phosdrin	General

*PHOSTEX

Phostex	Niagara
---------	---------

QUATERNARY AMMONIUM COMPOUNDS

Purasan AD 50	Gallowhur
Stanofide	Standard Oil (Ind.)

QUINONES

Black Leaf Phygon	Diamond Black Leaf
Kolo 100	Niagara
Phygon-XL	U. S. Rubber
Spergon	U. S. Rubber
Stauffer Phygon	Stauffer

SEVIN

Crag Sevin	Union Carbide Chem.
------------	---------------------

*TEDION

Tedion	Niagara
--------	---------

TEPP

Black Leaf TEPP 40	Diamond Black Leaf
Corona TEPP	Pittsburgh Plate Glass
Mulsifos	Woolfolk
Niagara TEPP	Niagara
Orchard Brand TEPP	General Chemical
Pyfos	Woolfolk
Stauffer TEPP	Stauffer
Vapotone	Calif. Spray-Chemical

*THIODAN

Thiodan	Niagara
---------	---------

THIRAM

Thylate	DuPont
---------	--------

TOXAPHENE

Alltox	Calif. Spray-Chemical
Black Leaf Toxaphene	Diamond Black Leaf
Chipman Toxaphene	Chipman Chemical
Genphene	General Chemical
Gy-Phene	Geigy
Orchard Brand	
Toxaphene	General Chemical
Ortho Toxaphene	Calif. Spray-Chemical
Penco Toxaphene	Pennsalt Chemicals
Standard Toxaphene	Standard Oil (Ind.)
Stauffer Toxaphene	Stauffer
Toxakil	Niagara

*TRITHION

Ortho Trithion	Calif. Spray-Chemical
Stauffer Trithion	Stauffer

UREA

NuGreen	DuPont
---------	--------

ZINEB

Dithane Z-78	Rohm & Haas
Ortho Zineb	Calif. Spray-Chemical
Parzate	DuPont
Stauffer Zineb	Stauffer

ZIRAM

Corozate	Pittsburgh Plate Glass
Karbam White	Sherwin-Williams
Ortho Ziram	Calif. Spray-Chemical
Orchard Brand Ziram	General Chemical
Stauffer Ziram	Stauffer
Z-C Spray	Niagara
Zerlate	DuPont

See page 44 for Brand names of Herbicides and Soil Fumigants.

AMERICAN VEGETABLE GROWER

SPI

AIR
Air-O-Fan Produc
John Bean Div., F
Lansing, Mich.
Besler Corp., 4053
Buffalo Turbine A
N. Y.
Cardox Corp., 30
Ill.; San Jose,
Friend Mfg. Co.,
Hardie Mfg. Co.,
Kraus & Noonan,
KWH Mistblower
Vandermolten E
Nutley 10, N. J.
The F. E. Myers &
Oliver Corp., A. B.
Trump Sales, Ltd.

LIGHTWEIGHT P
MIST SPRAYERS
Homelite Div. of
National Agri. Su
KWH Mistblower
Vandermolten E
Nutley 10, N. J.

CONVER

Air-O-Fan Produc
John Bean Div., F
Lansing, Mich.
Besler Corp., 4053
Cardox Corp., 30
Ill.; San Jose,
Friend Mfg. Co.,
Hardie Mfg. Co.,
H. D. Hudson Mf
Ill.
KWH Mistblower
Vandermolten E
Nutley 10, N. J.
Rear's Farm Servi

HYDRAU

Airosprayer Co.,
John Bean Div., F
Lansing, Mich.
Besler Corp., 405
Buffalo Turbine
wanda, N. Y.,
Campbell-Hausfel
Cardox Corp., 30
Ill.; San Jose, C
Champion Sprayer
Ill. Mich.
DeVilbiss Co., 300
Dobbins Div., Ch
Farmhand Compa
Hopkins, Minn.
Farmrite Sprayer
Friend Mfg. Co.,
Hale Fire Pump
Hanson Chemical
Hardie Mfg. Co.,
H. D. Hudson Mf
Ill.
Lofstrand Co., Ro
The F. E. Myers
Oakes Mfg. Co.,
Oliver Corp., A.
Rear's Farm Servi
Root-Lowell Corp

KNAPSACK

Armstrong Produ
E. C. Brown Co.,
Campbell-Hausfel
Champion Sprayer
Ill. Mich.
DeVilbiss Co., 300
Dobbins Div., Ch
H. D. Hudson Mf
Ill.
KWH Mistblower
Vandermolten E
Nutley 10, N. J.
Lofstrand Co., Ro
The F. E. Myers &
Oakes Mfg. Co.,
Root-Lowell Corp
Ill.
D. B. Smith & Co

JULY, 1958

ES

COMPANY

Black Leaf

Chemical
Plate GlassChemical
Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

Chemical

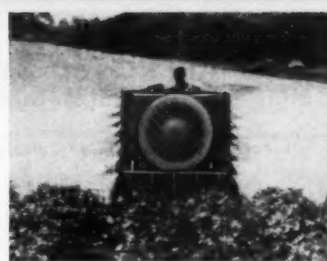
Chemical

Chemical

Chemical

Chemical

SPRAYING & DUSTING EQUIPMENT



SPRAYERS

CONCENTRATE

AIR
Air-O-Fan Products Corp., Gilroy, Calif.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.; San Jose, Calif.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda, N. Y.
Cardox Corp., 307 N. Michigan Ave., Chicago 1, Ill.; San Jose, Calif.
Friend Mfg. Co., Gasport, N. Y.
Hardie Mfg. Co., Wilkes-Barre, Pa.
Kraus & Noonan, Box 977, Modesto, Calif.
KWH Mistblower Factories, Eastern U.S. Sales Div.: Vandermolen Export Co., 316 Bloomfield Ave., Nutley 10, N. J.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oliver Corp., A. B. Farquhar Div., York, Pa.
Trump Sales, Ltd., Box 160, Oliver, B. C., Canada

LIGHTWEIGHT PORTABLE

MIST SPRAYERS

Homelite Div. of Textron, Inc., Port Chester, N. Y.
National Agri. Supply Co., Fort Atkinson, Wis.
KWH Mistblower Factories, Eastern U.S. Sales Div.: Vandermolen Export Co., 316 Bloomfield Ave., Nutley 10, N. J.

CONVERSION BLOWER UNITS

Air-O-Fan Products Corp., Gilroy, Calif.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.; San Jose, Calif.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Cardox Corp., 307 N. Michigan Ave., Chicago 1, Ill.; San Jose, Calif.
Friend Mfg. Co., Gasport, N. Y.
Hardie Mfg. Co., Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
KWH Mistblower Factories, Eastern U.S. Sales Div.: Vandermolen Export Co., 316 Bloomfield Ave., Nutley 10, N. J.
Rear's Farm Service, Eugene, Ore.

HYDRAULIC POWER SPRAYERS

Aerosprayer Co., Neodesha, Kansas.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.; San Jose, Calif.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda, N. Y.
Campbell-Hausfeld Co., Harrison, Ohio
Cardox Corp., 307 N. Michigan Ave., Chicago 1, Ill.; San Jose, Calif.
Champion Sprayer Co., 6519 Heintz Ave., Detroit 11, Mich.
DeVilbiss Co., 300 Phillips Ave., Toledo 1, Ohio
Dobbins Div., Chamberlain Corp., Waterloo, Iowa
Farmhand Company Div., Superior Separator Co., Hopkins, Minn.
Farmrite Sprayer Inc., Juneau, Wis.
Friend Mfg. Co., Gasport, N. Y.
Hale Fire Pump Co., Conshohocken, Pa.
Hanson Chemical Equipment Co., Beloit, Wis.
Hardie Mfg. Co., Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
Lofstrand Co., Rockville, Md.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oakes Mfg. Co., Box 1810, Tipton, Ind.
Oliver Corp., A. B. Farquhar Div., York, Pa.
Rear's Farm Service, 755 River Ave., Eugene, Ore.
Root-Lowell Corp., 445 N. Lake Shore Dr., Chicago, Ill.

KNAPSACK AND HAND SPRAYERS

Armstrong Products Corp., Huntington 12, W. Va.
E. C. Brown Co., Canandaigua, N. Y.
Campbell-Hausfeld Co., Harrison, Ohio
Champion Sprayer Co., 6519 Heintz Ave., Detroit 11, Mich.
DeVilbiss Co., 300 Phillips Ave., Toledo 1, Ohio
Dobbins Div., Chamberlain Corp., Waterloo, Iowa
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
KWH Mistblower Factories, Eastern U.S. Sales Div.: Vandermolen Export Co., 316 Bloomfield Ave., Nutley 10, N. J.
Lofstrand Co., Rockville, Md.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oakes Mfg. Co., Tipton, Ind.
Root-Lowell Corp., 445 N. Lake Shore Dr., Chicago, Ill.
D. B. Smith & Co., Inc., Utica 2, N. Y.

SPRAY DUSTERS

Air-O-Fan Products Corp., Gilroy, Calif.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.; San Jose, Calif.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda, N. Y.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
KWH Mistblower Factories, Eastern U.S. Sales Div.: Vandermolen Export Co., 316 Bloomfield Ave., Nutley 10, N. J.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
D. B. Smith & Co., Inc., Utica 2, N. Y.
Tatamy Products Co., Tatamy, Pa.

WEED SPRAYERS

POWER TAKE-OFF SPRAYERS

John Bacon Corp., Gasport, N. Y.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.; San Jose, Calif.
Broyhill Co., Dakota City, Nebr.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda, N. Y.
E. C. Brown Co., Canandaigua, N. Y.
Cardox Corp., 307 N. Michigan Ave., Chicago 1, Ill.; San Jose, Calif.
Century Engineering Co., Farm Equipment Div., Cedar Rapids, Iowa
Champion Sprayer Co., Florence Station, Omaha, Nebr.
Continental Belton Co., Belton, Tex.
Decker Mfg. Co., Janesville, Wis.
Dobbins Div., Chamberlain Corp., Waterloo, Iowa
Engine Parts Mfg. Co., 1360 W. 9th, Cleveland 13, Ohio
Evans Orchard Supply Co., 301 Delaware St., Kansas City, Mo.
Farmhand Company Div., Superior Separator Co., Hopkins, Minn.
Farmrite Sprayer Inc., Juneau, Wis.
Farm Equipment Co., 8701 N. 29th St., Omaha, Nebr.
Fleischer-Schmidt Corp., Columbus, Nebr.
Friend Mfg. Co., Gasport, N. Y.
General Metals, Inc., 858 Goldsboro St., Greensboro, N. C.
Hahn, Inc., Evansville, Ind.
Hanson Chemical Equipment Co., Beloit, Wis.
Hardie Mfg. Co., Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
Jari Products Inc., 2938 Pillsbury Ave., Minneapolis 8, Minn.
Ken Standard Corp., 1401 N. Fares Ave., Evansville, Ind.
Lobee Pump & Machinery Co., Gasport, N. Y.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oliver Corp., A. B. Farquhar Div., York, Pa.
Root-Lowell Corp., 445 N. Lake Shore Dr., Chicago, Ill.
D. B. Smith & Co., Inc., Utica 2, N. Y.
Super Six, Inc., Minneapolis, Minn.
Twindraulic, Inc., Laurens, Iowa

LOW PRESSURE BOOMS & NOZZLES

John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.



SAVE TIME SAVE LABOR
Do a BETTER and FASTER job
of SPRAYING and DUSTING
with our KWH shoulder mounted MIST-BLOWER and DUSTER, powered by gasoline engine (1-3 HP)

For literature and prices write to:

VANDERMOLLEN EXPORT CO.
316 Bloomfield Ave. NUTLEY 10, N.J.
Dealers wanted

Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Dobbins Div., Chamberlain Corp., Waterloo, Iowa
Evans Orchard Supply Co., 301 Delaware St., Kansas City, Mo.
Farmhand Company Div., Superior Separator Co., Hopkins, Minn.
Farmrite Sprayer Inc., Juneau, Wis.
General Metals, Inc., 858 Goldsboro St., Greensboro, N. C.
Hanson Chemical Equipment Co., Beloit, Wis.
Hardie Mfg. Co., Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
Ken Standard Corp., 1401 N. Fares Ave., Evansville, Ind.
Lobee Pump & Machinery Co., Gasport, N. Y.
The F. E. Myers & Bro. Co., Ashland, Ohio
Oliver Corp., A. B. Farquhar Div., York, Pa.
Rear's Farm Service, Eugene, Ore.
Root-Lowell Corp., 445 N. Lake Shore Dr., Chicago, Ill.
D. B. Smith & Co., Inc., Utica 2, N. Y.
Spraying Systems Co., Bellwood, Ill.

WEED BURNERS

Ker-O-Kil Mfg. Co., 582 Market St., San Francisco 4, Calif.

FREE Booklet

**What You Should Know
About Air Carrier
Spraying of Row Crops**

plus information on how you can save up to \$2,000.00 on an air carrier sprayer with the Besler Power Package.

Besler Corp. 4053 Harlan St.
Emeryville, Calif.

DUSTERS

HAND DUSTERS

E. C. Brown Co., Canandaigua, N. Y.
Champion Sprayer Co., 6519 Heintz Ave., Detroit 11, Mich.
Dobbins Div., Chamberlain Corp., Waterloo, Iowa
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
A. M. Leonard & Son, Inc., Piqua, Ohio
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Oakes Mfg. Co., Box 1810, Tipton, Ind.
Root-Lowell Corp., 445 N. Lake Shore Dr., Chicago, Ill.
Tatamy Products Co., Tatamy, Pa.
Tyson Orchard Service, Flora Dale, Pa.

POWER DUSTERS

Air-O-Fan Products Corp., Gilroy, Calif.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.; San Jose, Calif.
Besler Corp., 4053 Harlan St., Oakland 8, Calif.
Buffalo Turbine Agri. Equip. Co., Inc., Gowanda, N. Y.
Dobbins Div., Chamberlain Corp., Waterloo, Iowa
Friend Mfg. Co., Gasport, N. Y.
Hardie Mfg. Co., Wilkes-Barre, Pa.
H. D. Hudson Mfg. Co., 589 E. Illinois St., Chicago 11, Ill.
KWH Mistblower Factories, Eastern U.S. Sales Div.: Vandermolen Export Co., 316 Bloomfield Ave., Nutley 10, N. J.
Oliver Corp., A. B. Farquhar Div., York, Pa.
Root-Lowell Corp., 445 N. Lake Shore Dr., Chicago, Ill.
Tatamy Products Co., Tatamy, Pa.
Tyson Orchard Service, Flora Dale, Pa.

MIXERS, DUST

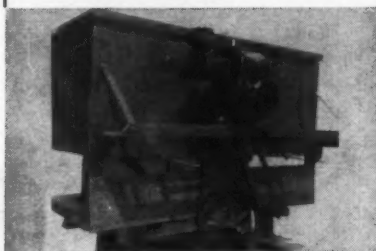
Friend Mfg. Co., Gasport, N. Y.
Niagara Chemical Div., Food Machinery & Chemical Corp., Middleport, N. Y.
Tatamy Products Co., Tatamy, Pa.

JULY, 1958

43

PROVED and APPROVED BY State and National Agencies

Sows—Fertilizes—Applies
Insecticides Accurately, Quickly



This is the spreader a national agency is using for the application of granular insecticides. Chosen because of uniformity of spread—can be adjusted for 5 lbs. to 2000 lbs. per acre. Spreads 15-20 ft. on 30-40 mesh material. Will spread up to 40 ft. on heavier pelleted materials. Available in tractor or trailer mounted models.

Used by State and National Agricultural Departments for Application of granular Insecticides

Write for free folder
**SKIBBE SEED &
FERTILIZER SPREADER**
Sodus, Mich.

SPRAY PROTECTION

FACE SHIELDS AND MASKS

Acme Protection Equip. Co., 1251 Kalamazoo St., South Haven, Mich.
American Optical Co., Southbridge, Mass.
Chicago Eye Shield Co., 2727 W. Roscoe, Chicago 18, Ill.
Kimball Safety Products, 9310 Wade Park Ave., Cleveland 6, Ohio
Mine Safety Appliances Co., 201 N. Braddock Ave., Pittsburgh 8, Pa.
Pulmosan Safety Equip. Corp., 644 Pacific Ave., Brooklyn, N. Y.
Tyson Orchard Service, Flora Dale, Pa.
Willson Products, Div. Ray-O-Vac Co., Madison, Wis.

GOGGLES

American Optical Co., Southbridge, Mass.
Chicago Eye Shield Co., 2727 W. Roscoe, Chicago 18, Ill.
Kimball Safety Products, 9310 Wade Park Ave., Cleveland 6, Ohio
Mine Safety Appliances Co., 201 N. Braddock Ave., Pittsburgh 8, Pa.
Pulmosan Safety Equip. Corp., 644 Pacific Ave., Brooklyn, N. Y.
Willson Products, Div. Ray-O-Vac Co., Madison, Wis.

RESPIRATORS

American Optical Co., Southbridge, Mass.
Chicago Eye Shield Co., 2727 W. Roscoe, Chicago 18, Ill.
DeVilbiss Co., 300 Phillips Ave., Toledo 1, Ohio
General Scientific Equipment Co., 7516 Limekiln Ave., Philadelphia 50, Pa.
Kimball Safety Products, 9310 Wade Park Ave., Cleveland 6, Ohio
Miller Chemical & Fertilizer Corp., 2226 N. Howard St., Baltimore 18, Md.
Mine Safety Appliances Co., 201 N. Braddock Ave., Pittsburgh 8, Pa.
Niagara Chemical Div., Food Machinery & Chem. Corp., Middleport, N. Y.
Pulmosan Safety Equip. Corp., 644 Pacific Ave., Brooklyn, N. Y.
Tyson Orchard Service, Flora Dale, Pa.
Willson Products, Div. Ray-O-Vac Co., Madison, Wis.

SPRAY CLOTHING

American Optical Co., Southbridge, Mass.
Broadway-Rubber Mfg. Co., 519 E. Broadway, Louisville 2, Ky.
Goodall Rubber Co., Whithead Rd., Trenton 4, N. J.
B. F. Goodrich Co., 500 S. Main St., Akron, Ohio
Hodgman Rubber Co., Framingham, Mass.
Hood Rubber Co., Watertown 72, Mass.
Mine Safety Appliances Co., 210 N. Braddock Ave., Pittsburgh 8, Pa.
A. J. Tower, Div. of Sawyer-Tower, Inc., 24 Simmons St., Boston 20, Mass.
United States Rubber Co., 1230 Ave. of the Americas, N. Y. 20, N. Y.

THE NEWER HERBICIDES With Some Commonly Known Brand Names

HERBICIDE AND BRAND NAMES COMPANY

AMINO TRIAZOLE
Amino Triazole American Cyanamid
Weedazol Amer. Chem. Paint

CDA
Radox Monsanto

CDEC
Vegelex Monsanto

CET
Simazine Geigy

CIPC
Chloro IPC Columbia-Southern
Chloro IPC Niagara

DALAPON
Dowpon Dow

DIURON
Karmex DW DuPont

DNBP
Dow Premerge Dow
Sinox PE Stand. Agr. Chem.

ENDOTHEAL
Penco Endothal Pennsalt

E.P.T.C.
Eptam Stauffer

ERBON
Novon Dow

HCA
General Chemical HCA General Chemical

MALEIC HYDRAZIDE
MH-30 Naugatuck Chemical

MONURON (CMU)
Karmex W DuPont

NPA
Alanap 3 Naugatuck Chemical

SES
Sesone Union Carbide Chem.

SILVEX
Kuron Dow

SODIUM ARSENITE
Atlas "A" Chipman Chemical
Gen. Chem. Sodium Arsenite General Chemical
Niagara Sodium Arsenite Niagara
Penite Pennsalt
Pratt's Sodium Arsenite-B. G. Pratt

SODIUM CHLORATE
Atlacide Chipman Chemical



For the First time a High-Pressure sprayer that every vegetable grower can afford. Heavy steel tank with 100-gal. capacity, husky mechanical agitator, unique pump mount that permits the use of your weed sprayer or our new Wanner 500 psi pump. Hi Pressure Hose, flexible drive line, row crop attachments. Everything you ever wanted in a sprayer and you can carry it on your three point hitch, take it with you wherever the tractor goes. No tracked up fields, no crops smashed into the ground. Just pin it on and do your job.

PAK-TANK only \$125.00
PAK-TANK complete with Wanner Hi-Pressure pump \$295.00
PAK-TANK with Pump and Row crop beam \$365.00
Wanner Piston Pump only—12 gal. per min. capacity, 500 p.s.i. \$125.00

Rear's also manufacture Trailer Model Pull-Tank with all above features—200 and 300 gal. capacity.
REAR'S FARM SERVICE
755 River Ave. Eugene, Oregon

HERBICIDE AND BRAND NAMES COMPANY

SODIUM CHLORATE, SODIUM METABORATE and MONURON
Chlorox Chipman Chemical

TCA and MONURON
General Chemical VROX General Chemical

2, 4-D and 2, 4, 5-T See Directory listing for names of companies

MCPA See Directory listing for names of companies

PCP See Directory listing for names of companies

TCA See Directory listing for names of companies

SOIL FUMIGANTS

SOIL FUMIGANTS AND BRAND NAMES COMPANY

ALLYL ALCOHOL
Allyl Alcohol Dow
Allyl Alcohol Shell
Bedrench Niagara
Weed Drench Panogen

CHLORINATED HYDROCARBONS
Telone Dow

CHLOROPICRIN
Laryacide Panogen
Picfume Dow

DD
Shell DD Shell
Stauffer DD Stauffer

DIBROMO CHLOROPROPANE
Fumazone Dow
Ortho Nemagon Calif. Spray-Chemical
B. G. Pratt Nemagon B. G. Pratt
Shell Nemagon Shell

EDB
Bromofume American Potash
Dowfume Dow
Soilfume Niagara

ETHYLENE DIBROMIDE and MIXED DICHLOROPROPANES
Dorlone Dow

METHYL BROMIDE
Bed Fume Niagara
MC-2 Panogen
Bromex Dow

OXYQUINOLINE SULFATE
Sunox Midvale

VAPAM
DuPont VPM DuPont
Stauffer Vapam Stauffer

***VC-13**
VC-13 Virginia-Carolina

*Company's brand name.

See pages 40 and 41 for
BRAND NAMES
of
ORGANIC PESTICIDES

AMERICAN VEGETABLE GROWER

MA

Yes, this
It was the f
quirements
Agriculture
highly toxic
spraying in
Naturally, y
orchard aft
you want.
insecticides

The AO
Department
against dust
Demeton (S
Aldrin, Diel
NICOTINE an
Filter Cart
grade activ
the poisono
a built-in fu
cles of dust
PROTECTION
THE USE
GOGGLE COM

Made

The AO
highest qual
ment. Whe
buying the
buy the AO
buying the
tion for inse
ORDER BY C
FROM YOUR
AGRICULTUR
THE RIGHT.
HE WILL
OR HANDLIN

JULY, 1958

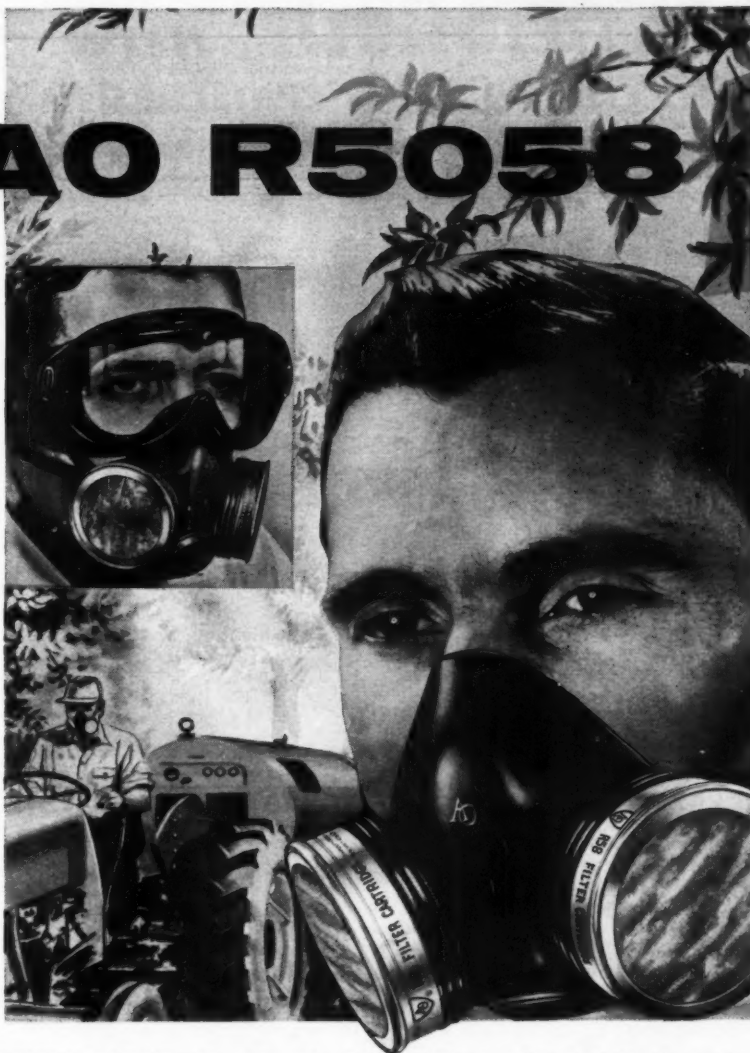
Save this "AD"...this Respirator
MAY SAVE YOUR LIFE OR A WORKER'S LIFE!

Protects even against Phosdrin

THE AO R5058

Yes, this respirator could save your life. It was the first respirator to meet the requirements of the U. S. Department of Agriculture for protection against the highly toxic insecticide Phosdrin when spraying in dust or liquid form outdoors. Naturally, because it has proved itself in orchard after orchard, it is the respirator you want. If you spray trees, with toxic insecticides you should wear the R5058.

The AO R5058 is also approved by the Department of Agriculture for protection against dusts, sprays, mists and vapors of Demeton (Systox) TEPP, HETP, Parathion, Aldrin, Dieldrin, Endrin, Chlordane, EPN, NICOTINE and other insecticides. The R58 Filter Cartridges are filled with highest grade activated charcoal which filters out the poisonous vapors. Each cartridge has a built-in fibrous filter for stopping particles of dust, mist and sprays. WHEN EYE PROTECTION IS NEEDED, WE RECOMMEND THE USE OF A R-71558 RESPIRATOR-GOGGLE COMBINATION UNIT (SEE INSET).



Made by AMERICAN OPTICAL COMPANY World's Leading Manufacturer of Personal Safety Equipment

The AO Trademark is a symbol of highest quality in personal safety equipment. When you specify "AO" you are buying the very best — and when you buy the AO R5058 Respirator you are buying the finest in respiratory protection for insecticides. FOR QUICK DELIVERY, ORDER BY CHECK OR POSTAL MONEY ORDER FROM YOUR NEAREST AUTHORIZED AO AGRICULTURAL DISTRIBUTOR LISTED AT THE RIGHT.

HE WILL SHIP TO YOU WITH NO POSTAGE OR HANDLING CHARGE.

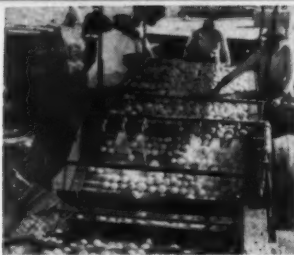
Authorized AO Respirator Agricultural Distributors

Bushart's Enterprises, Inc.
12 Union Street
Sodus, New York
James H. Cookman Co.
Route 9 at Route 85
Southboro, Mass.

Parkhurst Farm Supply
301 N. White Horse Pike
Hammonton, New Jersey
Champlain View Gardens
Burlington, Vermont

PRICES

R-5058 Respirator complete with filter cartridges.....\$6.20
R-71558 Respirator-Goggle combination complete with filter
cartridges.....\$9.80
R-58 replacement filter cartridges (pkg. of 3 pr.).....\$4.80



HARVESTING EQUIPMENT



BAG HOLDERS

Boggs Mfg. Corp., Atlanta, N.Y., and Detroit Lakes, Minn.
Eller Equipment Co., 1107 South Second St., Minneapolis, Minn.
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.

Lockwood Graders, Inc., Gering, Nebr.
Noffsinger Mfg. Co., Greeley, Colo.
J. A. Reese Co., 105 Lincoln St., Johnstown, Pa.

BAG LOADERS

Johnson Farm Machinery Co., Walnut Creek, Calif.
King-Wyse, Div. of Boggs Mfg. Corp., Archbold, Ohio

BAGGING MACHINES

Aeroglide Corporation, 510 Glenwood Avenue, Raleigh, N. C.
John Bean Div., Food Machinery & Chemical Corp., Lansing, Mich.
Ernst Bros. Inc., Bakersfield, Calif.
Hampshire Implement Co., Hatfield, Mass.
King-Wyse, Div. of Boggs Mfg. Corp., Archbold, Ohio
Lockwood Graders, Inc., Gering, Nebr.
Michigan Orchard Supply Co., South Haven, Mich.
Troyer Mfg. Co., Smithville, Ohio

BASKETS, STEEL

Franklin Equipment Co., Monticello, Iowa
WinPower Mfg. Co., Newton, Iowa

BEAN PICKER

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.

CELERY HARVESTER

Conveyor Co., 3260 E. Slauson Ave., Los Angeles 58, Calif.

CRATES

BULK

General Box Co., 1825 Miner St., Des Plaines, Ill.
Lockwood Graders, Inc., Gering, Nebr.
Morgan Lumber Sales Co., 665 E. Broad St., Columbus 15, Ohio
National Wooden Box Association, 402 Barr Bldg., Washington, D. C.
Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.
Smalley Package Co., Berryville, Va.
Wooden Box Institute, 55 New Montgomery St., San Francisco, Calif.

FIELD

Berryville Basket Co., Inc., Berryville, Va.
General Box Co., 1825 Miner St., Des Plaines, Ill.
The Kenova Box Co., Kenova, W. Va.
Marinette & Menominee Box Co., Marinette, Wis.
Meil Lumber Co., 403 Spruce St., Philadelphia, Pa.
Miller Mfg. Company, 7th & Stockton Sts., Richmond, Va.
National Wooden Box Association, 402 Barr Bldg., Washington, D. C.
New England Box Co., 258 Butler St., Brooklyn, N. Y.
Producer's Exchange, Inc., 20 So. Huron St., Toledo 4, Ohio
Smeed Box Co., 1878 Scranton Rd., Cleveland 13, Ohio
Townsend Citrus Supply Co., Lake Wales, Fla.
Webster Basket Co., Webster, N. Y.

CROSS CONVEYOR

Belt Corporation, Orient, Ohio
Cooe Harvester Co., Metamora, Ohio
H. D. Hume Co., Mendota, Ill.
Likens Mfg. Co., 1981 Belgrade Ave., Huntington Park, Calif.

HARVESTERS—BEETS, CARROTS, RADISHES

R. G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
Chickering Vegetable Equip. Co., Belding, Mich.
Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio
Tawco Products, Inc., 1224 Chesapeake Ave., Columbus 12, Ohio
Vegetable Harvesting & Machinery Co., 288 S.E. St., San Bernardino, Calif.

ONION TOPPERS AND HARVESTERS

R. G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
Lauridsen Mfg. Co., 514 11th Ave., Greeley, Colo.
Paramount Mfg. Co., 1615 E. Main, Stockton, Calif.
Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio

PEA HARVESTERS & LIFTERS

Harbison-Paine, Inc., Loveland, Colo.
H. D. Hume Co., Mendota, Ill.
Porter-Way Pea Harvester, Waterloo, N. Y.
Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio

POTATO BRUSHERS AND CLEANERS

Aeroglide Corporation, 510 Glenwood Avenue, Raleigh, N. C.
Boggs Mfg. Corp., Atlanta, N.Y., and Detroit Lakes, Minn.
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
King-Wyse Co., Div. of Boggs Mfg. Corp., Archbold, Ohio
Lobee Pump & Machinery Co., Gasport, N. Y.
Lockwood Graders, Inc., Gering, Nebr.
Taw Mfg. Corp. (Friend, Trescott & Market Maker), Fairport, N. Y.
Trescott Co., Fairport, N. Y.
Troyer Mfg. Co., Smithville, Ohio

WAYLAND

Graders for

APPLES — PEACHES — PEARS — TOMATOES

**New Owners
Same Management
Same Service**

**Baggers
Bushel Box Dumpers
Bulk Box Dumpers**

Wayland Sizers are unequalled for accuracy, gentle handling and flexibility. Our sizers adjust easily and quickly for all type packs and sizes. All Wayland equipment is of steel construction using self-aligning oilite and ball bearings, neoprene sponge rubber ejector wheels and neoprene sponge rubber sorting rolls. Wayland equipment is built to meet your requirements regardless of capacity, number of sizes required or shape of your packing house. Let "Wayland" engineer your packing line.



WAYLAND MACHINERY COMPANY
Covesville, Virginia

POTATO DIGGERS

John Bean Div., Lansing, Mich.
Champion Corp., Ind.
John Deere, Moline, Ill.
International Harvester Co., Chicago 1, Ill.
Massey-Ferguson, Minneapolis-Moline, Minn.
Oliver Corp., 400 Frank Russell Mfg. Sargent-Roundy Co.

POTATO ELEVATORS

Belville Mfg. Co., Boggs Mfg. Corp., Minn.
Delano Engineering, King-Wyse, Div., Ohio
Lockwood Graders, Inc., Gering, Nebr.
Singer Mfg. Co., Troyer Mfg. Co., Smithville, Ohio

POTATO GRADERS

Aeroglide Corporation, Raleigh, N. C.
American Grain Sizing Co., John Bean Div., Lansing, Mich.
Boggs Mfg. Corp., Lakeland, Fla.
Cockshutt Farm Equipment Co., Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
King-Wyse, Div., Ohio
Lobee Pump & Machinery Co., Gasport, N. Y.
Paramount Mfg. Co., Fairport, N. Y.
Troyer Mfg. Co., Smithville, Ohio

POTATO PICKERS

John Bean Div., Lansing, Mich.
Belville Mfg. Co., R. G. Bruner Mfg. Co., Mich.
Dahman Mfg. Co., Lockwood Graders, Inc., Gering, Nebr.
Noffsinger Mfg. Co., Arno Schmechel & WASA Potato Harvesting

SCOTT-UNION CARROTS

TURNIPS —

DIGGERS

T

and

IN O



Available in the Red Beets and 004-RX with 004-RXF with Carrots, Turnips

THE SCOTT
1224 Kinnear

POTATO DIGGERS (ELEVATOR & PLOW)

John Bean Div., Food Mch'y. & Chemical Corp., Lansing, Mich.
Champion Corp., 4714 Sheffield Ave., Hammond, Ind.
John Deere, Moline, Ill.
International Harvester Co., 180 N. Michigan, Chicago 1, Ill.
Massey-Ferguson Inc., Racine, Wis.
Minneapolis-Moline Co., Box 1050, Minneapolis 1, Minn.
Oliver Corp., 400 Madison, Chicago 6, Ill.
Frank Russell Mfg. Co., Shafter, Calif.
Sargent-Roundy Corp., Randolph, Vt.

POTATO ELEVATORS, CONVEYORS & WAGON DUMPS

Belville Mfg. Co., Shelley, Idaho
Boggs Mfg. Corp., Atlanta, N.Y.; Detroit Lakes, Minn.
Delano Engineering Co., Delano, Calif.
King-Wyse, Div. of Boggs Mfg. Corp., Archbold, Ohio
Lockwood Graders, Inc., Gering, Nebr.
Singer Mfg. Co., Smithville, Ohio
Troyer Mfg. Co., Smithville, Ohio

POTATO GRADERS AND SORTERS

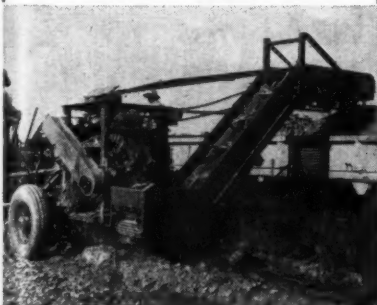
Aeroglides Corporation, 510 Glenwood Ave., Raleigh, N.C.
American Grain Separator Co., Minneapolis, Minn.
John Bean Div., Food Mch'y. & Chemical Corp., Lansing, Mich.
Boggs Mfg. Corp., Atlanta, N.Y., and Detroit Lakes, Minn.
Cockshutt Farm Equip., Ltd., Brantford, Ont., Canada
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
King-Wyse, Div. of Boggs Mfg. Corp., Archbold, Ohio
Lobbs Pump & Machinery Co., Gasport, N.Y.
Lockwood Graders, Inc., Gering, Nebr.
Paramount Mfg. Co., Stockton, Calif.
Tew Mfg. Corp. (Friend, Trescott & Market Maker), Fairport, N.Y.
Troyer Mfg. Co., Smithville, Ohio

POTATO PICKERS AND HARVESTERS

John Bean Div., Food Mch'y. & Chemical Corp., Lansing, Mich.
Belville Mfg. Co., Shelley, Idaho
R. G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
Dahman Mfg. Co., Grandy, Minn.
Lockwood Graders, Inc., Gering, Nebr.
Noffsinger Mfg. Co., Greeley, Colo.
Arno Schmechel & Son, Inc., Thiensville, Wis.
WASA Potato Harvester Co., Mars Hill, Me.

SCOTT-URSCHEL COMBINES for CARROTS — RED BEETS TURNIPS — PARSNIPS — RUTABAGAS

**DIGS-
TOPS-
and LOADS**
IN ONE OPERATION



Available in three models: Model 004-R for Red Beets and Canning Carrots; Model 004-RX with side delivery elevator and Model 004-RXF with Sorting table for Cello Pack Carrots, Turnips, Parsnips and Rutabagas.

WRITE TODAY!

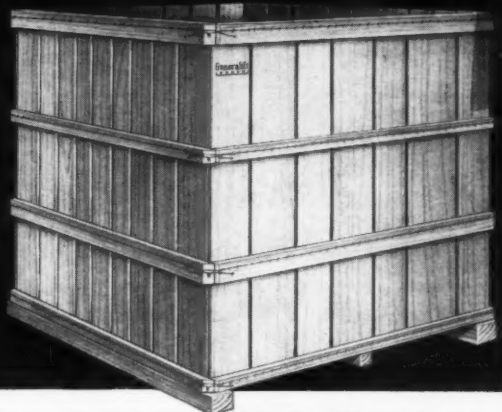
THE SCOTT VINER COMPANY
1224 Kinnear Road Columbus 8, Ohio

You get greater economies in bulk handling

Vegetable with Generalift® WIREBOUND PALLET BOXES

Only Generalifts® Have ALL These Features:

- **Hardwood Construction**
Combination of rugged hardwood and wirebound construction, easily handles 1-ton loads. Stack 4 to 6 high.
- **Exterior Cleats**
Leaves interior clear and free of bruising projections—adds to strength.
- **Generalift Closures**
Give added strength, longer life, easily applied, permit quick disassembly.
- **Ventilation**
Slatted sides and skid clearance allows air to circulate through bulk loads.
- **Sturdy Skid Bases**
Permits fork or tractor lift entry. Simplifies stacking.



Growers, Processors, Pre-Packers Save Labor, Money—Improve Quality

Typical Vegetables handled in Generalifts

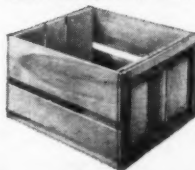
Carrots
Cucumbers
Green Beans
Onions
Potatoes
Radishes
Sweet Potatoes
Water Melons

There are big economies in the bulk handling of agricultural products—and even bigger economies when Generalift Wirebound Pallet Boxes are used. The combination of rugged resawn northern hardwood and wirebound construction gives these pallet boxes great strength, longer life. They're built to withstand the rigors of exposure, rough use, heavy loads and high stacking in storage.

They are widely used to harvest, handle, store and ship bulk loads of literally every fruit and vegetable with impressive records of savings and service. Initial investments are quickly recovered by pallet box economies.

Generalifts are available in several standard types and sizes to fit every agricultural need.

LONG-LIFE, LOW-MAINTENANCE PICKING BOXES



Have same rugged wirebound construction with tough resawn hardwoods to make the sturdiest picking boxes available. Available in 1 and 1 1/4 bushel sizes. Stack securely, nest in storage.

NEW FREE BULLETIN

For complete information about sizes and types available, see the New Agricultural Generalift bulletin. It is full of money saving ideas.



General Box

Contact your Nearest Generalift Dealer or write for the name of the dealer nearest you.

GENERAL BOX COMPANY 1855 Miner Street, Des Plaines, Ill.



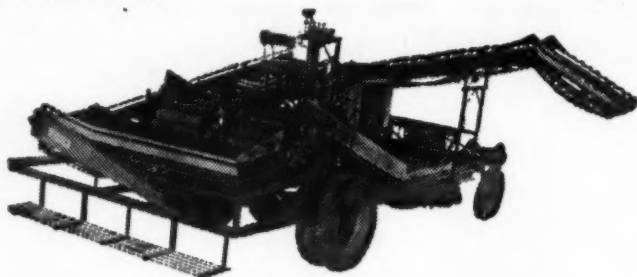
"LOCKWOOD"

- ★ A SYMBOL OF SERVICE!!
- ★ A SIGN OF QUALITY!!

Harvest Your Potatoes The Modern Mechanical Way With A "Lockwood" Two Row Self-Propelled Harvester.

America's Leading Self-Propelled Potato Harvester.

Model No. 2-SP-2R



Manufacturing A Complete Line of Potato Machinery
LOCKWOOD GRADERS
 GERING, NEBR.
 10 Plants Throughout America and Europe

Boggs

World Standard
 on
 Onion and Potato
GRADERS

IS NOW MANUFACTURING THE
 COMPLETE LINE OF

KING-WYSE GRADERS
 POTATO GRADER ELEVATORS, PICKING
 TABLES AND AUTOMATIC WEAHERS

**BOGGS
 HAS OVER
 42,000
 GRADING
 MACHINES
 ALONE IN
 SERVICE
 HERE AND
 ABROAD**

The Boggs Complete Line

Packing Tables	Potato & Onion
Bin Loaders	Brushers
Seed Treaters	Sweet Potato
Conveyors	Brushers
Truck Loaders	Automatic Weighers
	15% Packers
	Potato De Sprouters

as well as

Potato & Onion Graders from 100 to 800 bu. per hour capacity from \$125.00 up. Special purpose machinery for handling all types of produce.

**BOGGS
 DOES
 IT
 BETTER**

BOGGS MANUFACTURING CORP.
 PHONE ATL 291 15 MAIN STREET, ATLANTA, N.Y.

HARVESTING

RADISH TOPPERS

Tawco Products, Inc., 1224 Chesapeake Ave., Columbus 12, Ohio

RUBBER BANDS

Alliance Rubber Co., Alliance, O.; Franklin, Ky.; Hot Springs, Ark.
 Dylema Rubber Band Co., 428 N. Craig St., Pittsburgh 13, Pa.
 J. E. Fricke Co., 40 N. Front St., Philadelphia 6, Pa.
 Producers Exchange Inc., 20-34 So. Huron St., Toledo 4, Ohio

SWEETPOTATO DIGGERS

Darf Corp., Raleigh, N. C.
 G. & M. Equipment Co., Winton, Calif.
 General Foundry & Machine Co., Sanford, N. C.

VEGETABLE GRADERS AND SORTERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N. C.
 Boggs Mfg. Corp., 15 Main St., Atlanta, N. Y.
 Cardinal & Ellis, Belding, Mich.
 Ernst Bros., Inc., Bakersfield, Calif.
 Lobee Pump & Machinery Co., Gasport, N. Y.
 Tew Mfg. Corp., (Friend, Tresscott & Market Mower), Fairport, N. Y.
 Tresscott Co., Fairport, N. Y.

VEGETABLE TOPPING MACHINES

Badger Topper Machine Co., 5052 N. 125th St., Butler, Wis.
 R. G. Bruner Mfg. Co., 22516 Hoover Rd., Van Dyke, Mich.
 Canton Containers, Inc., Canton 7, Ohio
 R & Z Mfg. Co., 1009 6th St., Oshkosh, Wis.
 Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio
 Top-All Machine Works, South Beloit, Illinois

**Onion, carrot, red beet
 and potato growers**

—send for illustrated and descriptive folders on the Bruner Vegetable Harvester, etc. Savings in harvest costs range from \$50.00 to \$100.00 per acre. We would like to know what your approximate acreage is of above crops and methods now used in harvesting.

R. G. BRUNER MFG. CO.
 22516 Hoover Rd. Warren, Mich.

VEGETABLE TYING MACHINES

Felins Tying Machine Co., 3351 N. 35th St., Milwaukee 16, Wis.
 National Bundle Tyer Co., Blissfield, Mich.
 Tresscott Co., Fairport, N. Y.

ARCO Open Ring

**RUBBER
 BANDS**
 for your fresh
 VEGETABLES

Over 300 Varieties
 Sizes & Colors

SEND FOR FREE
 SAMPLES



ALLIANCE RUBBER CO.
 Alliance, Ohio

AVG-7

MR. _____
 FIRM _____
 ADDRESS _____
 CITY _____ STATE _____

ALLIANCE RUBBER CO.

Alliance Ohio Franklin Ky. Hot Springs Ark.

AMERICAN VEGETABLE GROWER



BAG CL

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N. C.
 American Specialty Cleveland Lathe Mfg. Co., Cleveland, Ohio
 Hamer Machine Co., 4, Ohio
 Producer's Exchange, 4, Ohio
 Tresscott Co., Fairport, N. Y.

BA

PLASTIC

Kwik-Lok Corp., Box

TAPE

Cincinnati Cordage

Producer's Exchange, 4, Ohio

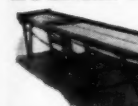
You can
BETTER
 with LO

—because every
 work better (



For gentle
 sizing of

tomatoes, cucu
 handle prime p
 No chain tensi
 in 2 minutes. A



Speed up
 packing—

—save labor and
 Return-Flow Be
 able to make m
 sizes that are r



**WAX for
 EYE APPE**

—and faster sal
 that lasts longer
 Lobee machine
 Water Eliminat
BETTER BU
 to the highest
 with welded ste
 brushes, rolls, e

LOBEE PUM
 WORKS AVEN
 SINCE 1899

LO



PACKING HOUSE EQUIPMENT



BAG CLOSING MACHINES

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
American Specialty Co., Amherst, Ohio
Cleveland Lathe Machine Co., 5400 Brookpark Rd.,
Cleveland, Ohio
Hamer Machine Co., St. Louis Park, Minn.
Producer's Exchange, Inc., 20 So. Huron St., Toledo
4, Ohio
Trescott Co., Fairport, N. Y.

BAG CLOSURES

PLASTIC

Kwik-Lok Corp., Box 2098, Yakima, Wash.

TAPE

Cincinnati Cordage & Paper Co., Lima, Ohio
Producer's Exchange, Inc., 20 So. Huron St., Toledo
4, Ohio

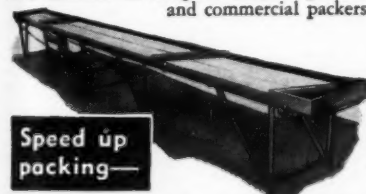
You can market a
BETTER PACK
with LOBEE equipment

—because every unit is designed to do its
work better (ask owners how they do).



For gentlest
sizing of

tomatoes, cucumbers, peppers, you can
handle prime produce with Lobee Sizers.
No chain tension to pinch. Change sizes
in 2 minutes. A complete line, for growers
and commercial packers.



Speed up
packing—

—save labor and increase profits with Lobee.
Return-Flow Belts that are instantly adjust-
able to make more working space for the
sizes that are running heavy.



WAX for
EYE APPEAL

—and faster sales— better looking produce
that lasts longer in prime condition. These
Lobee machines do a beautiful Washing,
Water Eliminating, and Waxing job.

BETTER BUILT for efficient service—
to the highest standard of dependability,
with welded steel frames, top grade belting,
brushes, rolls, etc. Write for Circular.

LOBEE PUMP & MACHINERY CO.
WORKS AVENUE, GASPORT, NEW YORK
SINCE 1899 -- NOTED FOR QUALITY EQUIPMENT

LOBEE

PACKING
HOUSE
EQUIPMENT

WIRE TIE

American Wire Tie Co., Gowanda, N. Y.
Cleveland Lathe Machine Co., 5400 Brookpark Rd.,
Cleveland, Ohio
Germain's, 6400 E. Washington Blvd., Los Angeles
22, Calif.
Producer's Exchange, Inc., 20 So. Huron St., Toledo
4, Ohio

BAGGING MACHINES

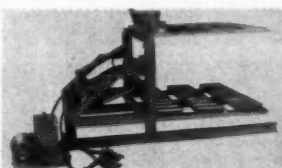
Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
Agricultural Instrument Co., State College, Pa.
Ernst Bros., Inc., Bakersfield, Calif.
Exact Weight Scale Co., 543 E. Town St., Columbus
15, Ohio
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Hampshire Implement Co., Hatfield, Mass.
Index Coupon & Supply Co., 612 Indiana Ave.,
La Porte, Ind.
King Wyse Div. of Boggs Mfg. Corp., Archbold,
Ohio
Lockwood Grader Corp., Gering, Nebr.
Michigan Orchard Supply Co., South Haven, Mich.
Tew Mfg. Corp. (Market Maker), Fairport, N. Y.
Trescott Co., Fairport, N. Y.
Troyer Mfg. Co., Smithville, Ohio
Wayland Machinery Co., Covesville, Va.

BOX DUMPERS

John Bean Div., Food Machinery & Chemical Corp.,
Lansing, Mich.
Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
Friday Tractor Co., Hartford, Mich.
Hilltop Orchards and Nurseries, Hartford, Mich.
Michigan Orchard Supply Co., South Haven, Mich.
Trescott Co., Fairport, N. Y.
Van Doren Equipment, 923 N. Wenatchee Ave.,
Wenatchee, Wash.

CONVEYORS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
American Conveyor Co., 115 W. Adams, Chicago,
Ill.
John Bacon Corp., Gasport, N. Y.
Belt Corporation, Orient, Ohio
Boggs Mfg. Corp., Atlanta, N. Y., & Detroit Lakes,
Minn.
E. W. Buschman Co., Clifton & Spring Grove, Cin-
cinnati, Ohio
Durand Co., Woodbury, Ga.
Florida Div., Food Machinery & Chemical Corp.,
Lakeland, Fla.
General Metals, Inc., 858 Goldsboro St., Greens-
boro, N. C.
Lockwood Grader Corp., Gering, Nebr.
Lamson Corp., Lamson St., Syracuse 1, N. Y.
Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Mathews Conveyor Co., Ellwood City, Pa.
Metzgar Conveyor Co., 412 Douglas N.W., Grand
Rapids 4, Mich.
Michigan Orchard Supply Co., South Haven, Mich.



Gently handles any produce
in bulk boxes. Adjustable to
different sizes. Heavy duty
construction, complete with
controls. Write for details.

Ask about other orchard and
row crop tools—Auto-Lock Ir-
rigation, TreHoe, Culticutter,
Power Pruning Systems.

MICHIGAN ORCHARD SUPPLY CO.
Box 231 South Haven, Mich.

Oliver Corporation, 400 W. Madison St., Chicago
6, Ill.

F. P. Pease Co., 1344 Henrietta, Rochester, N. Y.
Portable Elevator Mfg. Co., 920 E. Grove St.,
Bloomington, Ill.
Power-Curve Conveyor Co., Denver 19, Colo.
Producer's Exchange, Inc., 20-32 So. Huron St.,
Toledo 4, Ohio
Rapids-Standard Co., Inc., Rapistan Bldg., Grand
Rapids 2, Mich.
Red Cross Mfg. Co., Bluffton, Ind.
The Scott Viner Co., 1224 Kinnear Rd., Columbus 8,
Ohio
Standard Conveyor Co., 16 Indiana Ave. N., St.
Paul, Minn.
Tew Mfg. Corp. (Friend & Trescott), Fairport, N. Y.
Trescott Co., Fairport, N. Y.
Tri-Pak Machinery Service, Inc., Harlingen, Texas

LABOR-SAVING CROSS Produce CONVEYOR

Lightweight
Easy to handle



With
or without
hoist

for Crates,
Cartons, Baskets

- Easy to use up, down or horizontally
- High-strength steel, T-Box Construction
- Lengths up to 32 ft. by adding sections
- Operates on either 1/2 HP Motor or 1 HP Engine

Handles any filled
produce container
weighing up to 65
lb. Savings in labor
will quickly offset
its cost.

20 ft. length
(less power)

ONLY
\$141.50

including adjustable side rails
F.O.B. Bluffton, Indiana

Send TODAY for details
RED CROSS Mfg. Corp.
Bluffton, Indiana

- ☐ Send bulletin and prices
- ☐ Ship one Cross Conveyor—20 ft. length
- ☐ Send confidential dealer information

NAME

FIRM

Address



**LIGHT and
EASY TO CARRY**
Put it where you need it!

STANDARD LITEWATE sectional roller conveyors are ideal for "spot" loading and unloading jobs — can be quickly, easily moved wherever desired. They handle all types of commodities up to 80 lbs. and operate at grades as little as $\frac{1}{4}$ in. to $\frac{3}{4}$ in. per ft. Available in 10-ft. and 5-ft. straight sections and 90° and 45° curves; with interchangeable spacing of rollers on $\frac{1}{2}$ in. through 12 in. centers. Write Dept. S-7, for Bulletin 63-B.

STANDARD CONVEYOR COMPANY

General Offices: North St. Paul 9, Minn.
Sales and Service in Principal Cities



**MOST
FOR YOUR
MONEY**
WHY PAY MORE FOR LESS
HERE'S THE BEST



**MARKET-MAKER BAGGER
POTATOES OR ONIONS**

**\$820⁰⁰ COMPLETE
F.O.B. FACTORY**

**TEW MANUFACTURING CORP.
FAIRPORT, NEW YORK**

PACKING HOUSE EQUIPMENT

COUNTING DEVICES

Veeder-Root Co., 70 Sergeant, Hartford 2, Conn.

CUSHIONS

Market Products Co., 514 Jackson Ave., Bronx 55, N. Y.
Rice, Trew & Rice Co., Biglerville, Pa.

DRIERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N. C.
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
Lockwood Grader Corp., Gering, Nebr.

GRADERS AND SIZERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N. C.
John Bacon Co., Gasport, N. Y.
N. M. Bartlett Mfg. Co., Ltd., Beamsville, Ont., Canada
Cardinal & Ellis, Belding, Mich.
Durand Co., Woodbury, Ga.
Florida Div., Food Machinery & Chemical Corp., Food Machinery & Chemical Corp., Packing Equipment Div., Riverside, Calif.
Lobee Pump & Mch. Co., Gasport, N. Y.
Lockwood Grader Corp., Gering, Nebr.
Michigan Orchard Supply Co., South Haven, Mich.
Sho-Off Orchards Prod. Co., 105 N. Washington St., Peoria, Ill.
Tew Mfg. Corp. (Friend & Trescott), Fairport, N. Y.
Tri-Pak Machinery Service, Inc., Harlingen, Texas
Tyson Orchard Service, Flora Dale, Pa.
Van Doren Equipment Co., 923 N. Wenatchee Ave., Wenatchee, Wash.
Wayland Machinery Co., Coveseville, Va.

HYDROCOOLERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N. C.
Clarksville Machine Wks., 1706 W. Cherry St., Clarksville, Ark.
Durand Co., Woodbury, Ga.
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
Michigan Orchard Supply Co., South Haven, Mich.
Tri-Pak Machinery Service, Inc., Harlingen, Texas

ALUMINUM Pickin' Ladders IMMEDIATE DELIVERY

1. Heavy Duty—Light Weight
2. Easily Handled by Women
3. Same Material as Our Industrial Ladders
4. Will Withstand Rough Use
5. Open or Closed Top
6. \$3.59 per Foot Delivered to You
7. We Pay All Freight Charges
8. Write for Quantity Discounts
9. Step-Ladders Also Available

ORCHARD SALES COMPANY
5050 Joy Road Detroit 4, Michigan

ICE MACHINES

Frick Co., Waynesboro, Pa.

ICING EQUIPMENT

Index Coupon & Supply Co., 612 Indiana Ave., La Porte, Ind.
Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Tri-Pak Machinery Service, Inc., Harlingen, Texas

INSULATION

Alumiseal Corp., 429 E. 53 St., N. Y. 22, N. Y.
Bird & Son, E. Walpole, Mass.
Dow Chemical Company, Midland, Mich.
Johns-Manville Corp., 22 E. 40th St., N. Y. 16, N. Y.
Owens Corning Fiberglass Corp., Toledo 1, Ohio
Pacific Lumber Co., By-Products Div., 200 Bush St., San Francisco, Calif.
Pittsburgh Corning Corp., One Gateway Center, Pittsburgh 22, Pa.
United Cork Companies, W. Kearny, N. J.

LOADERS, TRUCK

Portable Elevator Mfg. Co., 920 E. Grove St., Bloomington, Ill.
Stratton Equipment Co., 2030 E. 105 St., Cleveland, Ohio

PACKING TABLES

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N. C.
Boggs Mfg. Corp., Atlanta, N. Y.; Detroit Lakes, Minn.
Durand Co., Woodbury, Ga.
Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
Food Machinery & Chemical Corp., Packing Equipment Div., Riverside, Calif.
Ideal Grader & Nursery Co., Hood River, Oreg.
Lobee Pump & Machinery Co., Gasport, N. Y.
Lockwood Grader Corp., Gering, Nebr.
Tew Mfg. Corp. (Friend & Trescott), Fairport, N. Y.
Tri-Pak Machinery Service, Inc., Harlingen, Texas
Trescott Co., Fairport, N. Y.
Troyer Mfg. Co., Smithville, Ohio

SCALES

Defecto Scales, Inc., 540 Park Ave., Brooklyn 5, N. Y.
Exact Weight Scale Co., 543 E. Town St., Columbus 15, Ohio
Howe Scale Co., Rutland, Vt.
Tew Mfg. Corp. (Market Maker), Fairport, N. Y.
Toledo Scale Co., Telegraph Road, Toledo 1, Ohio
Trescott Co., Fairport, N. Y.

STAPLERS AND STITCHERS

Acme Staple Co., 1643 Haddon Ave., Camden 3, N. J.
Bostitch, Inc., 430 Briggs Dr., E. Greenwich, R. I.
F. D. Croce & Co., Inc., 386 Washington St., N. Y. 13, N. Y.
Fruit & Produce Pack. Co., 700 Morris St., Indianapolis, Ind.
International Staple & Machine Co., Herrin, Ill.
Lockwood Grader Corp., Gering, Nebr.
Markwell Mfg. Co., Inc., 200 Hudson St., N. Y. 1, N. Y.
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Republic Steel Corp., Republic Bldg., Cleveland, Ohio
Saranac Machine Co., Benton Harbor, Mich.
Trescott Co., Fairport, N. Y.

NEW!

1500 LB. CAPACITY FORKLIFT

A FORKLIFT FOR MOST 3-POINT HITCH TRACTORS

- Removes in minutes—No undercarriage needed
- Unit is 6 ft. high—Lifts 6 ft.
- 36-inch tines standard — 42-inch available
- Has its own lift and tilt cylinders
- Detachable hose couplings furnished.

IDEAL FOR BULK BOX HANDLING

**ONLY \$595.00
F.O.B. FACTORY**
(Valves extra if needed)

Write

GLADDEN-HAAS, INC.
OWOSSO, MICHIGAN
(DEALER INQUIRIES INVITED)



• Use counterweights for loads over 900 lbs.

FITS MOST 3-POINT HITCH TRACTORS

AMERICAN VEGETABLE GROWER

Acme Staple Co., N. J.
American Steel Cleveland 13, Ohio
Bostitch, Inc., 430 The Colorado Bldg., Denver, Colo.
Fruit & Produce Indianapolis 6, Ind.
Markwell Mfg. Co., Pittsburgh Steel Co., 30 Pa.
Producer's Exchange, 4, Ohio
Republic Steel Ohio
Saranac Machine Co., Benton Harbor, Mich.
Trescott Co., Fairport, N. Y.

All Steel Welded John Chatillon & S. Clark Equipment Co., Colson Co., Elyria, Ohio
Howe Scale Co., R.

Allied Mfg. & S. Chicago, Ill.
Barrett-Cravens C. Ill.

Big Joe Mfg. Co., Blackwelder Mfg. Co., Clark Equipment Co., Colson Co., Elyria, Ohio
Elwell-Parker Electric, Ohio
Hyster Co., 2902 N. Independent Distrib., land, Oreg.
Lamson Mobilift Co., Oreg.
Lewis-Shepard Co., Lift Trucks, Inc., nati 14, Ohio
Mercury Mfg. Co., Michigan Orchard Raymond Corp., Townmotor Corp., Transistor Truck Co., Oreg.

Yale & Towne M. Aves., Phila., Pa.

VE

HYDRAULIC
For the L.

New small average grower



its this year v Albright pres

FULL LINE
Complete

All types of grinder knives—bung cloths—gauges—power units—hydraulics bu

Gosh
Process EQUIPME

JULY, 1958

STAPLES

Acme Staple Co., 1643 Haddon Ave., Camden 3, N. J.
 American Steel & Wire Co., Rockefeller Bldg., Cleveland 13, Ohio
 Bostitch, Inc., 430 Briggs Dr., E. Greenwich, R. I.
 The Colorado Fuel & Iron Corp., P. O. Box 1920, Denver, Colo.
 Fruit & Produce Packing Co., 700 W. Morris St., Indianapolis 4, Ind.
 Markwell Mfg. Co., 200 Hudson St., N. Y., N. Y.
 Pittsburgh Steel Co., 1600 Grant Bldg., Pittsburgh 30, Pa.
 Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
 Republic Steel Corp., Republic Bldg., Cleveland, Ohio
 Saranac Machine Co., Benton Harbor, Mich.
 Trescott Co., Fairport, N. Y.

TRUCKS, HAND

All Steel Welded Truck Co., Rockford, Ill.
 John Chatillon & Sons, 85 Cliff St., N. Y., N. Y.
 Clark Equipment Co., Battle Creek, Mich.
 Colson Co., Elyria, Ohio
 Howe Scale Co., Rutland, Vt.

TRUCKS, LIFT

Allied Mfg. & Sales Co., 3101 W. Grand Ave., Chicago, Ill.
 Barrett-Cravens Co., 630 Dundee Rd., Northbrook, Ill.
 Big Joe Mfg. Co., Wisconsin Dells, Wis.
 Blackwelder Mfg. Co., Rio Vista, Calif.
 Clark Equipment Co., Battle Creek, Mich.
 Colson Co., Elyria, Ohio
 Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland, Ohio
 Hyster Co., 2902 N. E. Clackamas, Portland 8, Oreg.
 Independent Distributors, 27 N. E. Broadway, Portland, Oreg.
 Lamson Mobilift Corp., 835 S. E. Main St., Portland, Oreg.
 Lewis-Shepard Co., 194 Walnut St., Watertown, Mass.
 Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, Ohio
 Mercury Mfg. Co., 4044 S. Halsted, Chicago 9, Ill.
 Michigan Orchard Supply Co., South Haven, Mich.
 Raymond Corp., Greene, N. Y.
 Towmotor Corp., 1226 E. 152nd, Cleveland 10, Ohio
 Transistor Truck Co., 1477 N. W. 23rd, Portland 10, Oreg.
 Yale & Towne Mfg. Co., Roosevelt & Haldeman Aves., Phila., Pa.

WASHERS

POTATO

Aeroglide Corporation, 510 Glenwood Ave., Raleigh, N. C.
 Boggs Mfg. Corp., Atlanta, N. Y., Detroit Lakes, Minn.
 Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
 King-Wyse Div. of Boggs Mfg. Corp., Archbold, Ohio
 Lobee Pump & Machinery Co., Gasport, N. Y.
 Lockwood Graders, Inc., Gering, Nebr.
 Paramount Mfg. Co., Stockton, Calif.
 Tew Mfg. Corp. (Trescott & Market Maker), Fairport, N. Y.
 Trescott Co., Fairport, N. Y.
 Troyer Mfg. Co., Smithville, Ohio

VEGETABLE AND ROOT

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
 Felins Tying Machine Co., 3351 N. 35th St., Milwaukee, Wis.
 Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
 Lobee Pump & Machinery Co., Gasport, N.Y.
 Paramount Mfg. Co., Stockton, Calif.
 S. S. Simons Machine Works, Cornwell Heights, Pa.
 Tew Mfg. Corp. (Market Maker), Fairport, N.Y.

WAX

Clarion Development Co., Clarion, Pa.
 Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
 S. C. Johnson & Son Inc., 1525 Howe, Racine, Wis.
 Lobee Pump & Machinery Co., Gasport, N.Y.
 Lockwood Grader Corp., Gering, Nebr.
 Tew Mfg. Corp., Fairport, N.Y.
 Trescott Co., Fairport, N.Y.
 Wilbur White Div., Franklin Research Co., 5134 Lancaster Ave., Philadelphia 31, Pa.

WAXERS

Aeroglide Corp., 510 Glenwood Ave., Raleigh, N.C.
 Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
 Lobee Pump & Mch. Co., Gasport, N.Y.
 Tew Mfg. Corp. (Trescott & Market Maker), Fairport, N.Y.
 Trescott Co., Fairport, N.Y.
 Tri-Pak Machinery Service, Inc., Harlingen, Texas.

VEGETABLE PROCESSING

HYDRAULIC JUICE PRESSES

For the Large & Small Grower

New small hydraulic press for the average grower. Electrically operated, designed like all T-A presses to give long, trouble-free service and maximum profits. Made of the finest materials available. Capacity 3 to 5 bushels. Convert your off-grade apples into extra profit with the new 1-F Thomas-Albright press.



FULL LINE OF PRESSES

Complete processing supplies

All types of filter cloths—grinders—grinder knives—pumps—taps—bungs—bung cloths—valves—cylinder packings—gauges—oil—reservoirs—hydraulic power units—hydraulic accessories—hydraulics built to specification.

Write or call us



Thomas-Albright Co.
 Goshen, Indiana
 Tel.—3-1785

JULY, 1958

CANNING, PRESERVING

EXTRACTORS

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
 Enterprise Mfg. Co., 3rd & Dauphin Ave., Philadelphia 33, Pa.
 Florida Div., Food Machinery & Chemical Corp., Lakeland, Fla.
 Food Machinery & Chemical Corp., Canning Machinery Div., San Jose, Calif.
 L. O. Koven & Bro., Inc., 154 Ogden Ave., Jersey City, N. J.
 F. H. Langenkamp Co., 229 E. South St., Indianapolis 25, Ind.
 New Standard Corp., Mt. Joy, Pa.
 Sweden Freezer Mfg. Co., 3401 17th Ave., W., Seattle 99, Wash.
 Thomas-Albright Co., Goshen, Ind.
 W. R. Laboratories, 639 E. Lockeford St., Lodi, Calif.

GLASS CONTAINERS

Armstrong Cork Co., Lancaster, Pa.
 Ball Brothers Co., Muncie, Ind.
 Hazel-Atlas Glass Co., Wheeling, W. Va.
 Owens-Illinois Glass Co., Ohio Bldg., Toledo 1, Ohio

HULLER, GREEN PEA AND LIMA BEAN

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
 Dixie Canner Co., Athens, Ga.
 A. K. Robins & Co., Inc., 1713 E. Lombard St., Baltimore, Md.
 Scott Viner Co., 1224 Kinnear Rd., Columbus 8, Ohio
 Sinclair-Scott Co., 6245 State Road, Philadelphia 35, Pa.

SLICERS

Boutell Mfg. Co., 558 Lyell Ave., Rochester 6, N. Y.
 Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
 Enterprise Mfg. Co., 3rd & Dauphin Ave., Philadelphia 33, Pa.
 Food Machinery & Chemical Corp., Canning Machinery Div., San Jose, Calif.; Hoopeson, Ill.
 Goodell Co., Antrim, N. H.
 F. B. Pease Co., 1344 E. Henrietta Rd., Rochester, N. Y.
 Urschel Laboratories, Inc., Valparaiso, Ind.

SORTING & TRIMMING TABLES

Chisholm-Ryder Co., Inc., Niagara Falls, N. Y.
 Oliver Corp., 400 W. Madison St., Chicago 6, Ill.

TANKS—WOOD

Arrow Tank Co., 16 Barnett St., Buffalo 15, N. Y.
 Hauser-Stander Tank Co., Spring Grove Ave., Cincinnati 32, Ohio
 Thomas-Albright Co., Goshen, Ind.

for handling
BOXES, CRATES
 and **BAGS** you
 just can't beat
MATHEWS
GRAVITY
 and
POWER
CONVEYERS



Mathews Conveyers have been popular equipment with fruit and vegetable growers for many years. Gravity roller and wheel conveyers, live roller conveyers, belt conveyers, and spiral chutes are working for growers all over the United States and Canada.

Bulletin GP 53, describing General Purpose belt conveyers; Bulletin M 157, describing roller and wheel conveyers; and Bulletin A1 54, on Mathews aluminum conveyers, are all yours for the asking, without obligation. Write today.

MATHEWS CONVEYER COMPANY

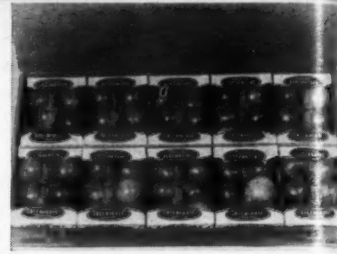


MATHEWS CONVEYER COMPANY, ELLWOOD CITY, PENNA.
 MATHEWS CONVEYER COMPANY WEST COAST, SAN CARLOS, CALIF.
 MATHEWS CONVEYER COMPANY, LTD., PORT HOPE, ONTARIO

MATHEWS
 Fifty Years of Leadership in Mechanical Handling



PACKAGES AND PACKAGING



ADHESIVES

Clark Stek-O Corp., 1631 Dewey St., Rochester 13, N. Y.

CONTAINERS

BAGS, CLOTH, OPEN MESH, PAPER

Bemis Bros. Bag Co., 408 Pine St., St. Louis 2, Mo.
Chase Bag Co., 155 E. 44th St., N. Y. 17, N. Y.
Cincinnati Cordage & Paper Co., E. Wayne & Scott St., Lima, Ohio
Fulton Bag & Cotton Mills, Box 1726, Atlanta, Ga.
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
St. Regis Paper Co., 230 Park Ave., N. Y. 17, N. Y.
Union Bag & Paper Corp., Woolworth Bldg., N. Y. 7, N. Y.

BAGS, POLYETHYLENE COATED PAPER

Crown Zellerbach, 343 Sansome St., San Francisco, Calif.
Milprint, Inc., 4200 N. Holton St., Milwaukee 1, Wis.

BAGS, TRANSPARENT

Central States Paper & Bag Co., Inc., 5221 Natural Bridge Ave., St. Louis 15, Mo.
Chase Bag Co., 155 E. 44th St., N. Y. 17, N. Y.
Cincinnati Cordage & Paper Co., E. Wayne & Scott St., Lima, Ohio
Continental Can Co., Shellmar-Bethner Div., 100 E. 42nd St., N. Y. 17, N. Y.
Crystal Tube Corp., 6625 W. Diversey Pkwy., Chicago, Ill.
Dobackmum Co., A Div. of The Dow Chemical Co., 3301 Monroe Ave., Cleveland 1, Ohio
Fruit & Produce Packing Co., Div. of Inland Container Corp., 700 W. Morris, Indianapolis, Ind.
Fulton Bag & Cotton Mills, 1400 Annunciation St., New Orleans, La.
Howard Plastics, Inc., Council Bluffs, Iowa
Mehl Mfg. Co., 2057 Reading, Cincinnati 2, Ohio
Milprint, Inc., 4200 N. Holton St., Milwaukee 1, Wis.
Newark Paraffine & Parch. Paper Co., 50 Jelliff Ave., Newark 8, N. J.
Oneida Paper Products, Inc., Clifton, N. J.
Pak-Rite Flexible Packaging Co., 275 Greene St., Brooklyn 22, N. Y.
Paramount Paper Products Co., Inc., Hamilton St., at 19th, Philadelphia 30, Pa.
Pexco Bag Mfg. Co., 32 So. Huron St., Toledo 4, Ohio
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Rice, Trew & Rice Co., Biglerville, Pa.
The Visking Co., Plastics Div., Terre Haute, Ind.

BARRELS

Maslow Cooperage Corp., Valley Stream, N. Y.

BASKETS, CORRUGATED, FIBERBOARD, PAPERBOARD

F. D. Croce & Co., Inc., 386 Washington, N. Y., N. Y., Modena, N. Y.
Fort Wayne Corrugated Paper Co., Fort Wayne 1, Ind.
Fruit & Produce Packing Co., 700 W. Morris, Div. of Inland Container Corp., Indianapolis 6, Ind.
Gaylord Container Corp., 111 N. 4th St., St. Louis 2, Mo.
Hankins Container Co., 14801 Emery Ave., Cleveland, Ohio
The Hinde & Dauch Paper Co., Sandusky, Ohio
Keyes Fibre Co., Waterville, Me.
Kieckhefer Container Co., Camden 1, N. J.
Ohio Boxboard Co., Rittman, Ohio
Penn-Mar Container Corp., 56th St. & Paschall Ave., Philadelphia 43, Pa.
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Rice, Trew & Rice Co., Biglerville, Pa.
Fred C. Strype, 20 Vesey St., N. Y., N. Y.
Wabash Fibre Box Co., Terre Haute, Ind.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleveland, Ohio

BASKETS, WOOD

American Veneer Package Assoc., Orlando, Fla.
Barden & Robeson Corp., Lockport, N. Y.
Berryville Basket Co., Inc., Berryville, Va.
F. D. Croce & Co., Inc., 386 Washington St., N. Y. 13, N. Y., Modena, N. Y.
Frank L. Deener & Son, Inc., Sodas, Mich.
The Marietta Fruit Pkg. & Lumber Co., Marietta, O.
Marvil Package Co., Hebron, Del.
Paducah Box & Basket Co., Paducah, Ky.
Producer's Exchange, Inc., 20 S. Huron St., Toledo 4, Ohio
Ripley Box & Basket Co., Inc., Ripley, Tenn.
Riverside Mfg. Co., Murfreesboro, N. C.
Sodas Basket Co., Sodas, N. Y.
Webster Basket Co., Webster, N. Y.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleveland, Ohio

BOXES AND CRATES, CORRUGATED, FIBERBOARD, PAPERBOARD

Alford Cartons, Ridgefield Park, N. J.
Atlas Boxmakers, Inc., 5025 W. 65th, Chicago, Ill.
Baltimore Paper Box Co., Key Highway-Jackson-Griffings-Covington & Ostend Sts., Baltimore, Md.
Bird & Son, Inc., E. Walpole, Mass.
F. D. Croce & Co., Inc., 386 Washington St., N. Y. 13, N. Y., Modena, N. Y.
Fort Wayne Corrugated Paper Co., 130 E. Douglas St., Ft. Wayne, Ind.
Fruit & Produce Packing Co., Div. of Inland Container Corp., 700 W. Morris, Indianapolis, Ind.
Robert Gair Div., Continental Can Co., 155 E. 44th St., N. Y. 17, N. Y.
Gaylord Container Corp., 111 N. 4th St., St. Louis 2, Mo.

Hankins Container Co., 14801 Emery Ave., Cleveland, Ohio
Hinde & Dauch Paper Co., Sandusky, Ohio
Iowa Fiber Box Co., Keokuk, Iowa
Marinette & Menominee Box Co., Hosmer St., Marinette, Wis.
Ohio Boxboard Co., Rittman, Ohio
Penn-Mar Container Corp., 56th St. & Paschall Ave., Philadelphia 43, Pa.
Rice, Trew & Rice Co., Biglerville, Pa.
Fred C. Strype, 20 Vesey St., N. Y., N. Y.
Traub Box Co., 1230 E. 55th St., Cleveland, Ohio
Union Bag & Paper Corp., Woolworth Bldg., N. Y. 17, N. Y.
Wabash Fibre Box Co., Terre Haute, Ind.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleveland, Ohio

LABELS for CRATES

BASKETS • HAMPERS • LUGS • CANS

BRANDAUG CRAIG DICKERSON CO.

304-306 TENTH AVE. SO. NASHVILLE 3, TENNESSEE



STANDARD NAILED
CANTALOUPE
CRATES
of
Western Wood
Engineered
with These
Exclusive Features

- AMPLE PROTECTION
- VENTILATION
- VISIBILITY OF CONTENTS
- WITHSTAND MOISTURE AND TOP ICE
- EASY TO IMPRINT OR LABEL
- MARKET ACCEPTANCE EVERYWHERE
- ASK ANY RECEIVER •

THE WOODEN BOX INSTITUTE

55 New Montgomery St.

San Francisco 5, Calif.

BOXES AND CRATES
Continental Box Co., F. D. Croce & Co., 13, N. Y., Modena, N. Y.
General Box Co., Kenopa Box Co., Marinette & Menominee Box Co., Toledo, Ohio
Wirebound Box Co., 2, Ill.
Wisconsin Box Co., Zelvy Bros. Container Co., land, Ohio

BOXES AND CRATES
American Veneer Package Assoc., Orlando, Fla.
Atlas Boxmakers, Inc., 5025 W. 65th, Chicago, Ill.
Berryville Basket Co., Inc., Berryville, Va.
Chaffee Brothers, F. D. Croce & Co., 13, N. Y., Modena, N. Y.
General Box Co., Kenopa Box Co., Marinette & Menominee Box Co., Toledo, Ohio
Miller Mfg. Co., National Woodworking Co., 1, N. Y.
New England Box Co., Smed Box Co., Sodas Basket Co., Traub Box Co., The Wooden Box Co., San Francisco 5, Calif.
Zelvy Bros. Container Co., land, Ohio

CARTONS, CORRUGATED
Fort Wayne Corrugated Paper Co., Fort Wayne 1, Ind.
Fruit & Produce Packing Co., 700 W. Morris, Div. of Inland Container Corp., Indianapolis 6, Ind.
Robert Gair Div., Continental Can Co., 155 E. 44th St., N. Y. 17, N. Y.
Gaylord Container Corp., 111 N. 4th St., St. Louis 2, Mo.
The Hinde & Dauch Paper Co., Sandusky, Ohio
Ohio Boxboard Co., Rittman, Ohio
Penn-Mar Container Corp., 56th St. & Paschall Ave., Philadelphia 43, Pa.
Prepack Sales, Inc., 4, Ohio
Wabash Fibre Box Co., Terre Haute, Ind.

MOLDED PULP

Formart Container Co., Keyes Fibre Co.,

New O
a



As an
Packa
struct
corrug
creases
tra fru
You



The Ohio Box Board Institute
The Ohio Box Board Institute
Western Con

BOXES AND CRATES, WIREBOUND

Continental Box Co., Inc., Houston 1, Texas
F. D. Croce & Co., Inc., 386 Washington St., N. Y.
13, N.Y., Modena, N.Y.
General Box Co., 1825 Miner, Des Plaines, Ill.
Marinette & Menominee Box Co., Marinette, Wis.
Producer's Exchange, Inc., 20-32 So. Huron St.,
Toledo, Ohio
Wirebound Box Mfg. Assn., 327 S. La Salle St., Chi-
cago 2, Ill.
Wisconsin Box Co., Wausau, Wis.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleve-
land, Ohio

BOXES AND CRATES, WOOD

American Veneer Package Assn., Orlando, Fla.
Atlas Boxmakers, Inc., 5025 W. 65 St., Chicago, Ill.
Berryville Basket Co., Inc., Berryville, Va.
Chaffee Brothers Co., Main St., Oxford, Mass.
F. D. Croce & Co., Inc., 386 Washington St., N. Y.
13, N.Y., Modena, N.Y.
General Box Co., 1825 Miner, Des Plaines, Ill.
Kenova Box Co., Kenova, W. Va.
Marinette & Menominee Box Co., Marinette, Wis.
Meil Lumber Co., 4036 Spruce St., Philadelphia, Pa.
Miller Mfg. Co., 7th & Stockton Sts., Richmond, Va.
National Wooden Box Assn., 402 Barr Bldg., Wash-
ington, D.C.
New England Box Co., 258 Butler St., Brooklyn, N. Y.
Smead Box Co., 1878 Scranton Rd., Cleveland, Ohio
Sodius Basket Co., Sodius, N. Y.
Traub Box Co., 1230 E. 55th St., Cleveland, Ohio
The Wooden Box Institute, 55 New Montgomery St.,
San Francisco 5, Calif.
Zelvy Bros. Container Co., 2005 Orange Ave., Cleve-
land, Ohio

CARTONS, CONSUMER

Fort Wayne Corrugated Paper Co., 130 E. Douglas
St., Fort Wayne 1, Ind.
Friday Pack Containers Div., Pacific Pulp Molding
Co., 2035 S.W. 58th St., Portland, Ore.
Fruit & Produce Packing Co., Div. of Inland Con-
tainer Corp., 700 W. Morris, Indianapolis, Ind.
Robert Gair Div., Continental Can Co., 155 E. 44th
St., N. Y. 17, N. Y.
Garford Container Corp., 111 N. 4th St., St. Louis,
Mo.
The Hinde & Dauch Paper Co., Sandusky, Ohio
Ohio Boxboard Co., Rittman, Ohio
Penn-Mar Container Corp., 56th St. & Paschall Ave.,
Philadelphia 43, Pa.
Prepackage Sales Corp., Rock Island, Ill.
Producer's Exchange, Inc., 20 S. Huron St., Toledo
4, Ohio
Wobash Fibre Box Co., Terre Haute, Ind.

MOLDED PULP FIBRE

Formart Containers, Inc., Cedarburg, Wis.
Keyes Fibre Co., Waterville, Me.

LABELS AND TAGS

Barlett Label Co., Kalamazoo, Mich.
Brandeau-Craig-Dickerson Co., 304 Tenth Ave., Nash-
ville, Tenn.
Cincinnati Cordage & Paper Co., Lima, Ohio
Dennison Mfg. Co., Framingham, Mass.
Fruit & Produce Packing Co., Div. of Inland Con-
tainer Corp., 700 West Morris St., Indianapolis 6,
Ind.
A. Kimball Co., Rewe St., Brooklyn 11, N. Y.
Lambooy Label & Wrapper Co., Kalamazoo, Mich.
J. L. May Co., 121 W. 19th St., N. Y. 11, N. Y.
Milprint, Inc., 4200 N. Holton St., Milwaukee 1, Wis.
A. B. Morse Co., St. Joseph, Mich.
Penn-Mar Container Corp., 56th St. & Paschall Ave.,
Philadelphia 43, Pa.
Reynolds Metals Co., 2500 S. 3rd St., Louisville, Ky.
Schmidt Lithograph Co., Second and Bryant Ave.,
San Francisco 7, Calif.
Stetcher-Traug Lithograph Corp., 600 Battery, San
Francisco, Calif.
Tompkins' Label Service, 3213 Frankford Ave., Phil-
adelphia 34, Pa.

MARKING DEVICES

Cushman & Denison Mfg. Co., 625 Eighth Ave.,
N. Y. 18, N. Y.
Kin-E-Matic Mach.-Eng. Co., Dearborn, Mich.
Rivet-O Mfg. Co., Orange, Mass.

PREPACKAGING TRAYS

Keyes Fibre Co., Waterville, Me.

STAMPING INKS AND PADS

Rivet-O Mfg. Co., Orange, Mass.
Tyson Orchard Service, Flora Dale, Pa.

STAMPS, RUBBER

Producer's Exchange, Inc., 20 S. Huron St., Toledo
4, Ohio
Rivet-O Mfg. Co., Orange, Mass.
Salt Lake Stamp Works, 51 W. 3rd St., South, Salt
Lake City, Utah
Tyson Orchard Service, Flora Dale, Pa.

TRAY PACKS

Fort Wayne Corrugated Paper Co., 130 E. Douglas
St., Fort Wayne 1, Ind.
Friday Pack Co., 1412 Public Service Bldg., Port-
land 4, Ore.
Fruit & Produce Packing Div. of Inland Container
Corp., 700 W. Morris, Indianapolis 6, Ind.
Keyes Fibre Co., Waterville, Me.
Producer's Exchange, Inc., 20-32 So. Huron St.,
Toledo 4, Ohio
Traver Div., Container Corp. of America, 358 W.
Ontario St., Chicago, Ill.



COMPLETE PACKAGING MATERIALS FOR FRUIT AND PRODUCE GROWERS AND PACKERS



Apple Boxes • Tomato Cartons •
Gift Boxes • Friday Packs •
Peach Containers • Shredded
Oiled Tissue • Grape Baskets •
Tomato Baskets • Banana
Cartons • Berry Crates •
Roadside Stand Baskets •
Crate Liners • Ring Pack
Equipment • Box Cushions •
Box Liners • Shredded
Cellophane • Consumer Tray
Packages • Chip Box Liners •
Box Caps • Basket Cushions •
Polyethylene Bags • Basket
Caps • Corrugated Vegetable
Packages • Basket Liners •
Fruit Wraps • Wenatchee
Fruit Picking Bags •
Apple & Tomato Wraps



Write for Samples and Prices
DEALERS AND WAREHOUSES IN
ALL FRUIT GROWING SECTIONS

FP FRUIT & PRODUCE
PACKING COMPANY
INDIANAPOLIS, INDIANA

RTR RICE, TREW & RICE CO.
BIGLERVILLE, PENN. • ORLANDO, FLA.

DIVISIONS OF
INLAND CONTAINER CORPORATION

Prompt Shipment from
WAREHOUSES: Ft. Valley, Ga. • Albion, N. Y. • Wes-
laco, Texas • Hartford, Mich. • Nampa, Idaho • Cobden,
Ill. • St. Louis, Mo. • Pharr, Texas • San Benito, Texas
PLANTS: Indianapolis, Ind. • Middletown, Ohio • Win-
chester, Va. • Milwaukee, Wisc. • Evansville, Ind. • Detroit,
Mich. • Macon, Ga. • Erie, Pa. • Ashtabula, Ohio •
Orlando, Fla. • Rome, Ga. • Biglerville, Pa. • Dallas, Tex.

New O-Hi-Stack Basket gives you safer storage and shipment...at no extra cost!



8 Qts. O-Hi-Stack available
with or without vent holes

As another example of Planned
Packaging, new corner post con-
struction of this double-wall
corrugated basket greatly in-
creases stacking strength for ex-
tra fruit and vegetable protection.

You get the same fast, easy

set-up, choice of wood or
wire handles. Stock or custom
2-color designs build brand
preference. Colored board at
slight extra cost.

For free samples write to atten-
tion of Produce Sales Division.

Planned Packaging moves produce



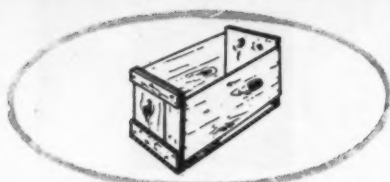
The Ohio Boxboard Company
Rittman, Ohio

Containers
Cartons
Paperboard

PLANTS

The Ohio Boxboard Company, Rittman, Ohio
The Ohio Boxboard Co., Inc., Pittsburgh, Pa.
Western Containers, Inc., Lockport, N. Y.

Fairbanks Containers, Inc., Middletown, Ohio
Champion Containers, Inc., Plymouth, Michigan
The Ohio Boxboard Company, Cuyahoga Falls, O.
The Ohio Boxboard Company, Youngstown, Ohio



Longer Life... for picking boxes and baskets



One quick, inexpensive dip in
Cellu-san saves you money 5 ways:

- Wood won't become brittle and break so easily—stays "alive" and resilient.
- Containers stay cleaner, more sanitary—resist penetration by fruit juices.
- Crop contamination from mold is controlled, assuring much less waste.
- Tare weights are stabilized through far less moisture pick-up.
- Rot will not cause decay of wood fibers nor loosening of fasteners.

Write today for an 8-page brochure about
Cellu-san—the most widely used wood
preservative in the food industry.

Cellu-san

Chemical Products Division,
Darworth Incorporated.

Address: 1 Pine Street, Simsbury, Conn.,
or P.O. Box 1422, Palo Alto, California.

Please send me illustrated literature
about longer service life for harvesting
containers.

Name _____

Company _____

Address _____

City _____ State _____

OPPORTUNITY ADS

Only .25c a word for one-time insertion.
20c a word for two-time insertion; 15c a
word for four-time insertion—CASH, WITH
ORDER. Count each initial and whole num-
ber as one word. Copy must be in 15th of
second month preceding date of issue.
ADDRESS AMERICAN VEGETABLE
GROWER, Willoughby, Ohio.

BOOKS

**BERRY BOOK: "THIRTY YEARS OF BER-
ries."** Raspberries and strawberries. 84 pages,
price \$1.00 Ppaid. ROY TURNER, 1525 S.
Livingston St., Peoria, Ill.

THE HOW-TO BOOK ON STRAWBERRIES.
The layman's primer, the professional's reference
and everyone's factual guide to more and better
strawberries. \$1.50. AMERICAN VEGETABLE
GROWER, Box 107, Willoughby, Ohio.

FREE WHOLESALE CATALOG. 100,000
Products. Tremendous discounts. ECON-O-
MART, Whippany 24, New Jersey.

TOMATO GROWERS—JUST PUBLISHED
1958 American Tomato Yearbook. Crammed with
important facts. Send \$2.00. Complete volume
1951-1958. \$10.00. AMERICAN TOMATO
YEARBOOK, Box 540-A, Westfield, New Jersey.

BUSINESS OPPORTUNITIES

FREE PICTURE FOLDER: "HOW TO MAKE
\$3,000 Yearly. Sparetime. Raising Earthworms!"
OAKHAVEN-25, Cedar Hill, Texas.

EARN CASH FROM STRAWBERRY SALES!
Get our How-To Book on Strawberries that gives
common sense treatment of the must and must-not
in strawberry culture. Fully illustrated. \$1.50.
AMERICAN VEGETABLE GROWER, Box
107, Willoughby, Ohio.

100 ACRE PEACH ORCHARD IN HEART OF
the East Texas marketing area. Seven varieties.
Modern home, packing shed, orchard equipment.
Selling on account of health. Very good buy and
priced to sell. More information on request. Box
864, Jacksonville, Texas.

5½ ACRES FARM, MODERN 2-BEDROOM
house, telephone, electric, new big barn. 2 miles
to town. \$15,000 which includes all furniture, farm
machinery, etc. Write Box 51, PLANT CITY,
Florida.

WANTED

Sideline salesman now contacting Vege-
table Growers, Nurseries, Florists, etc.,
to represent National Rubber Band
Manufacturer. Attractive commission ar-
rangement. Repeat business. Write Box
110, American Vegetable Grower, giving
territory covered, experience, etc.

ENLARGEMENTS

TWO BEAUTIFUL OIL COLOR 8 x 10 EN-
largements from any photo or negative (returned)
\$1.00. PORTRAITCO, A780, Sweetwater, Texas.

FOR SALE—EQUIPMENT & SUPPLIES

SAVE up to 40% on—CHRYSLER INDUS-
TRIAL-IRRIGATION UNITS. Our own special
irrigation unit costs only \$1695.00, and includes
CHRYSLER'S big 354 cubic inch V8 engine plus
all the accessories to make it run. 6 cylinder units
as low as \$1395.00. Write for information. Dealer
inquiries invited. Midwest Parts Corporation, Box
394, Gary, Indiana.

SENSATIONAL GARDEN TRACTOR. HOES
between plants and rows, including strawberries.
Eliminates hand hoeing. Nothing else like this.
Patent 2742840. Also tills. Fantastic offer to first
few inquiries. AUTO HOE, DePere 8, Wisconsin.

SEVERAL GOOD USED BLOWER TYPE
Row Crop Power Sprayers that have been taken in
trade by our dealers on Myers new Row Crop
Concentrate Sprayers. Your inquiries would be
welcomed by us. WATER SUPPLIES, INC.,
Ashland, Ohio. Phone: 21565.

New and remanufactured INTERNATIONAL
HARVESTER ENGINES and POWER UNITS.
Special spring clearance sale. Midwest Industrial
Company, 835 No. Capitol, Indianapolis, Indiana.

USED 5-TON FRICK AMMONIA COOLER
complete. Excellent condition. Used Trescott fruit
grader, brusher sizer and inspection complete.
KERMONT FARMS, Hubbard, Ohio.

FOR SALE CHEAP. 1—STEEL CONVEYOR
96" long, 36" wide mesh; trash conveyor below;
washer attached. 1—ten-yd. Steel Trash Hopper
fed with slat conveyor. Can be used for celery,
corn and other vegetables. Excellent condition.
LEACH FARMS, Rt. 1, Berlin, Wisc.

INVENTIONS WANTED

ARE YOU INTERESTED IN OFFERS FROM
reliable manufacturers for your invention?
Patented, unpatented. HARVEY ASSOCIATES,
Dept. 8A, Cambridge, Maryland.

MISCELLANEOUS

FOURMONE COMPOST ACTIVATOR TURNS
garden wastes, manures, sawdust, etc., into com-
post. Easy and safe to use. 3 oz. trial can \$1.00
(treats approximately 6 tons garden wastes) ½
lb. \$2.25, 1 lb. \$3.95 postpaid. Lower prices for
quantities. Free literature from FOREIGN
PRODUCTS CORP., 21 Washington St., West
Orange, N.J.

GUMMED LABELS—WHAT SORT? NICE
samples free. FRED HOFFMAN, Rt. 7, Port
Huron, Mich.

OF INTEREST TO WOMEN

QUILTING? REMNANTS? SAMPLES. Three
yards nylon \$1.00. RAINBOW, Estill Springs,
Tenn.

SEND DIME FOR CATALOG. Unusual gifts.
MYCO, Dept. AVG, Rummel, New Jersey.

LEARN PROFESSIONAL CAKE DECORAT-
ing. Details free. DECO-SECRETS, Venice 33,
Calif.

PLANTS & SEEDS

STRAWBERRY GRADERS, WON'T BRUISE
strawberries. Save \$30.00 a day on labor. \$28.00.
Postpaid. Write for literature. SUTTON'S
GRADER CO., Mackville, Ky.

ASPARAGUS MARY WASHINGTON, 1 & 2
year roots. FELIX MICEVICH, Scottsville,
Michigan.

NEW HYBRID DAYLILIES BLOOM 24-48
hours. Seeds, 20 for \$1.00. PHILIP O. BUCH,
104 Rockaway Ave., Rockaway, New Jersey.

WANTED—EQUIPMENT & SUPPLIES

WANTED: USED ONE ROW MECHANICAL
potato digger in good condition. VAUGHN
HEMPFLING, Hebron, Kentucky.

14 GALLON OR 20 GALLON PER MINUTE
sprayer and reel. GROWS-WELL NURSERY,
1307 North Street, Peoria, Ill.

Are You a Seed Salesman?

Add to your income by selling
AMERICAN VEGETABLE
GROWER. Write today for our
liberal, nursery agents' plan.
Address:

EDWARD MEISTER, Circulation Manager

AMERICAN VEGETABLE
GROWER
WILLOUGHBY, OHIO

OPPORTUNITY ADS

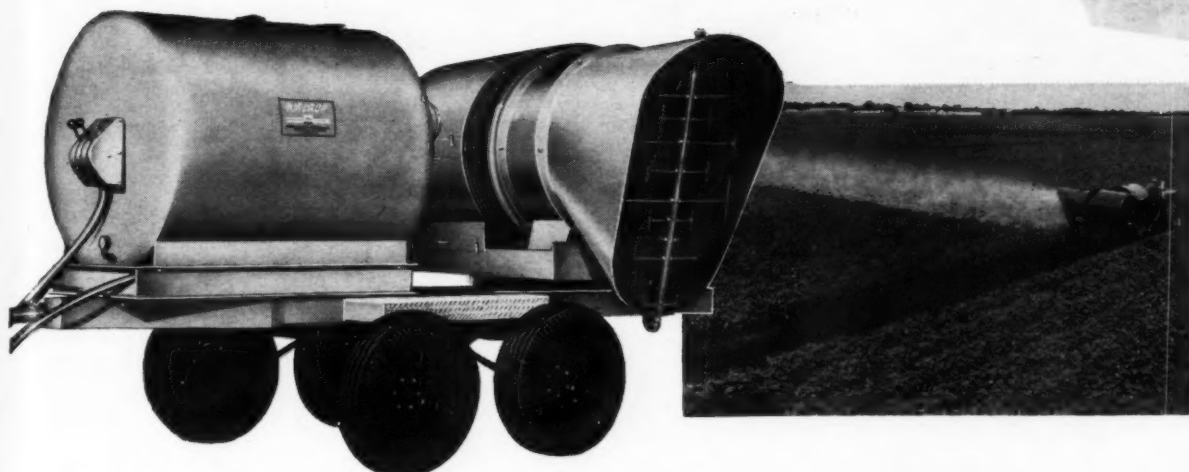
BUY, SELL AND TRADE —
Readers and business firms will
get top advertising value at low
cost from AMERICAN VEGE-
TABLE GROWER "Opportunity
Ads." **RATES—25c per word for**
one insertion; 20c per word per
month for two insertions; 15c per
word per month for four inser-
tions or more. Count each initial
or whole number as one word.
CASH WITH ORDER.

AMERICAN VEGETABLE
GROWER reserves the right to
reject or alter any copy which does
not merit its standards.

AMERICAN VEGETABLE GROWER

Covers up to 250 Acres Per Day!

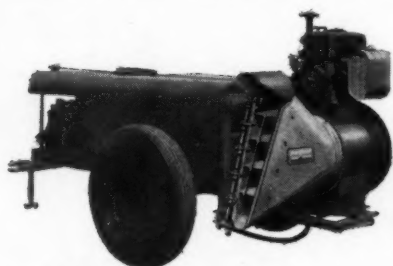
NEW *John* **BEAN** 40-RC Complete Row Crop Sprayer



Get top-rated performance and big air and tank capacities for large acreage spraying with John Bean's new 40-RC air crop sprayer. A complete spraying unit, the Model 40-RC sprays a 90 to 100 foot swath with thorough, even coverage throughout. You can spray dilute, semi-concentrate or concentrates up to 250 acres per day! John Bean's straight-through air delivery design and powerful 40-inch axial flow fan gives highest air volume at medium velocity for faster, "on time" spraying with fewer wheel rows through your crops. Simplified, easy-to-

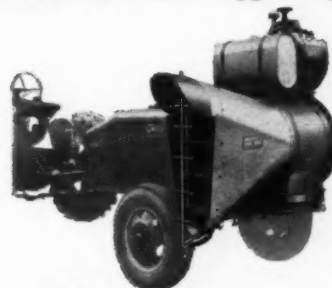
reach, hydraulic controls rotate the discharge head 210° to take full advantage of wind conditions. Movable deflectors for up and down air direction assure uniform spraying regardless of terrain. Compact control unit — right at the tractor driver's finger tips — allows positive adjustment of spray discharge and engine speed plus an instant check of operating instruments. Save time by fewer water hauling trips with the 40-RC's hydraulic jet-agitated, 500 gallon tank protected by exclusive "Bean Bond" coating.

John BEAN Aircrop attachments for modern air-type spraying



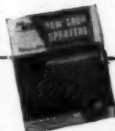
Model 8-RC
for medium acreage

Sprays swath from 30 to 40 feet wide at the rate of 9 to 12 per hour at 3 mph ground speed. Unit rotates 180° to meet all wind conditions. This versatile unit can be quickly converted for orchard spraying.



Model 15-RC
for medium to large acreage

Efficient, large-scale crop protection at low cost. Spray 50 to 60 foot swath at the rate of 20 to 24 acres per hour traveling at 4 mph ground speed. Hydraulic control rotates unit 200° to take advantage of wind direction.



Write TODAY for NEW
Row Crop Sprayer Catalog



Ask your John Bean Dealer for a Free Demonstration — Today!

John BEAN

LANSING 4, MICHIGAN
SAN JOSE, CALIFORNIA

Division of Food Machinery and Chemical Corporation



RESISTANT

REGULAR

BIG NEWS

for BEAN GROWERS

at last, the variety you've been looking for

RESISTANT ASGROW VALENTINE

A great new bean for produce growers and shippers, with all the features that for years have made Asgrow Black Valentine the leading variety for fresh market — PLUS disease resistance

same pod type and quality

same productivity

same holding ability after harvest

BUT CHECK THESE ADDED FEATURES

highly resistant to common bean mosaic

highly tolerant to powdery mildew

Resistant Asgrow Valentine will be available in limited quantities after September 1 for fall plantings this season. To be sure of a supply, order now. Write to our nearest address for the name of your nearest supplier.



ASSOCIATED SEED GROWERS, INC.

Atlanta 2, Ga. • Exmore, Va. • Florida, N.Y. • Indianapolis 25 • El Centro
Milford, Conn. • Oakland 4 • Phoenix • Salinas • Vineland, N.J.

Texas distributor: ASGROW TEXAS CO., San Antonio, Crystal City, Robstown, Weslaco

Florida distributor: THE KILGORE SEED CO., Plant City

International division: THE ASGROW EXPORT CORP., Milford, Conn., U.S.A.

12 New York
Growers Op
Handling 'Gr
Asparagus
How to Get M
Consumer's

Th